



**Module Demo**  
Configuration  
Version 6





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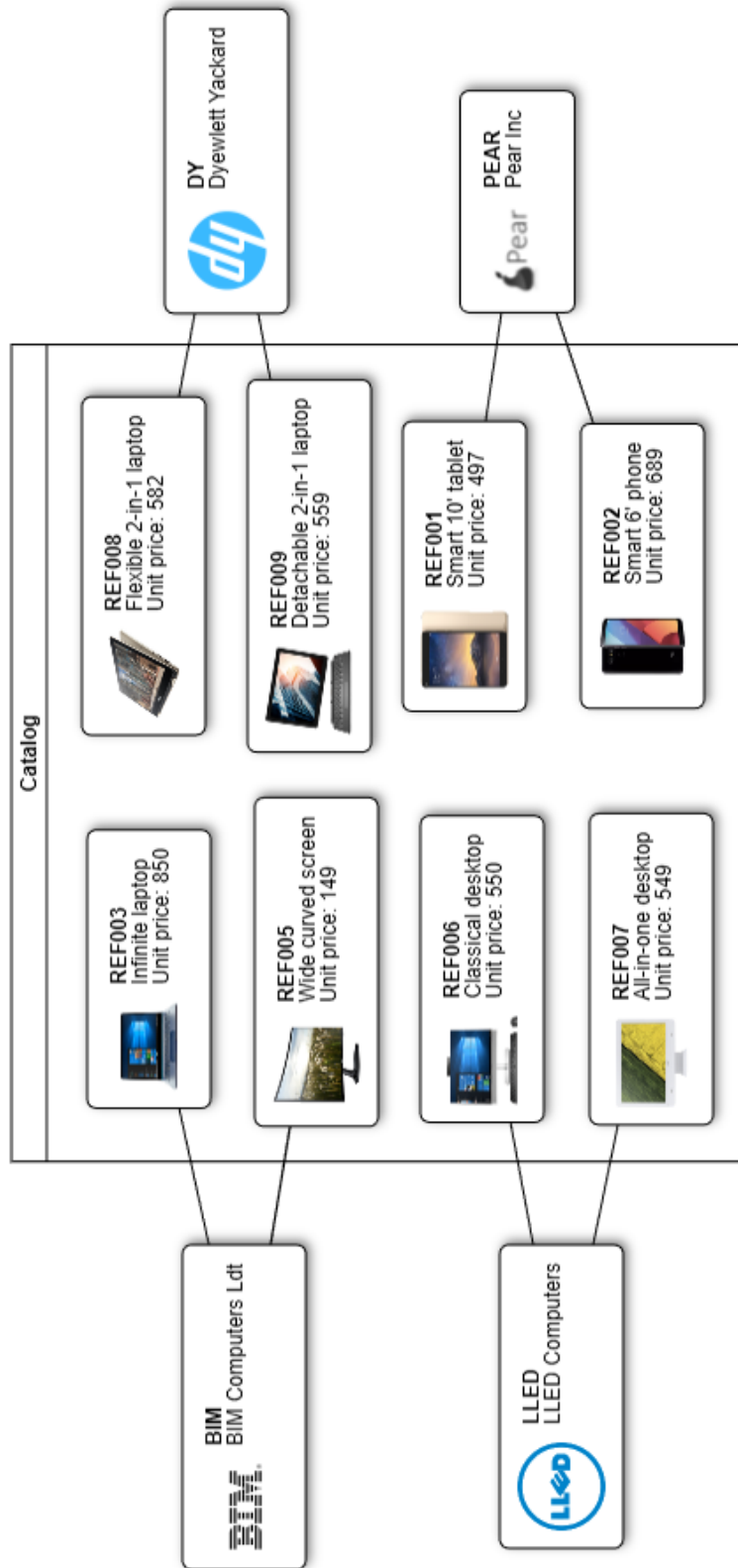


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# 1. Modeler

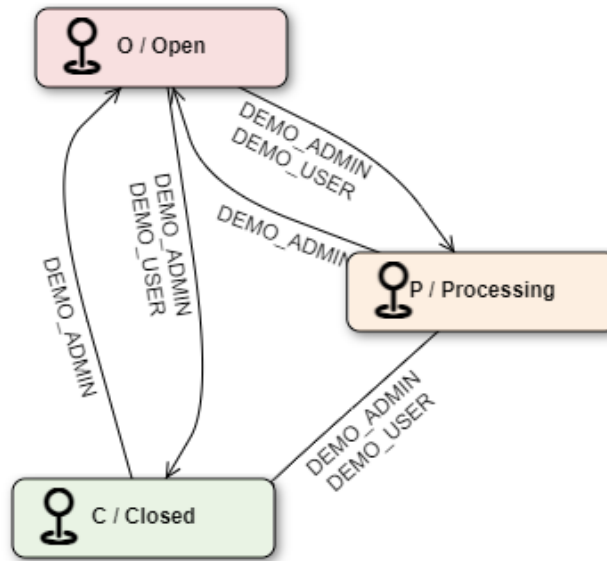
## 1.1. DemoModel: DemoCatalog





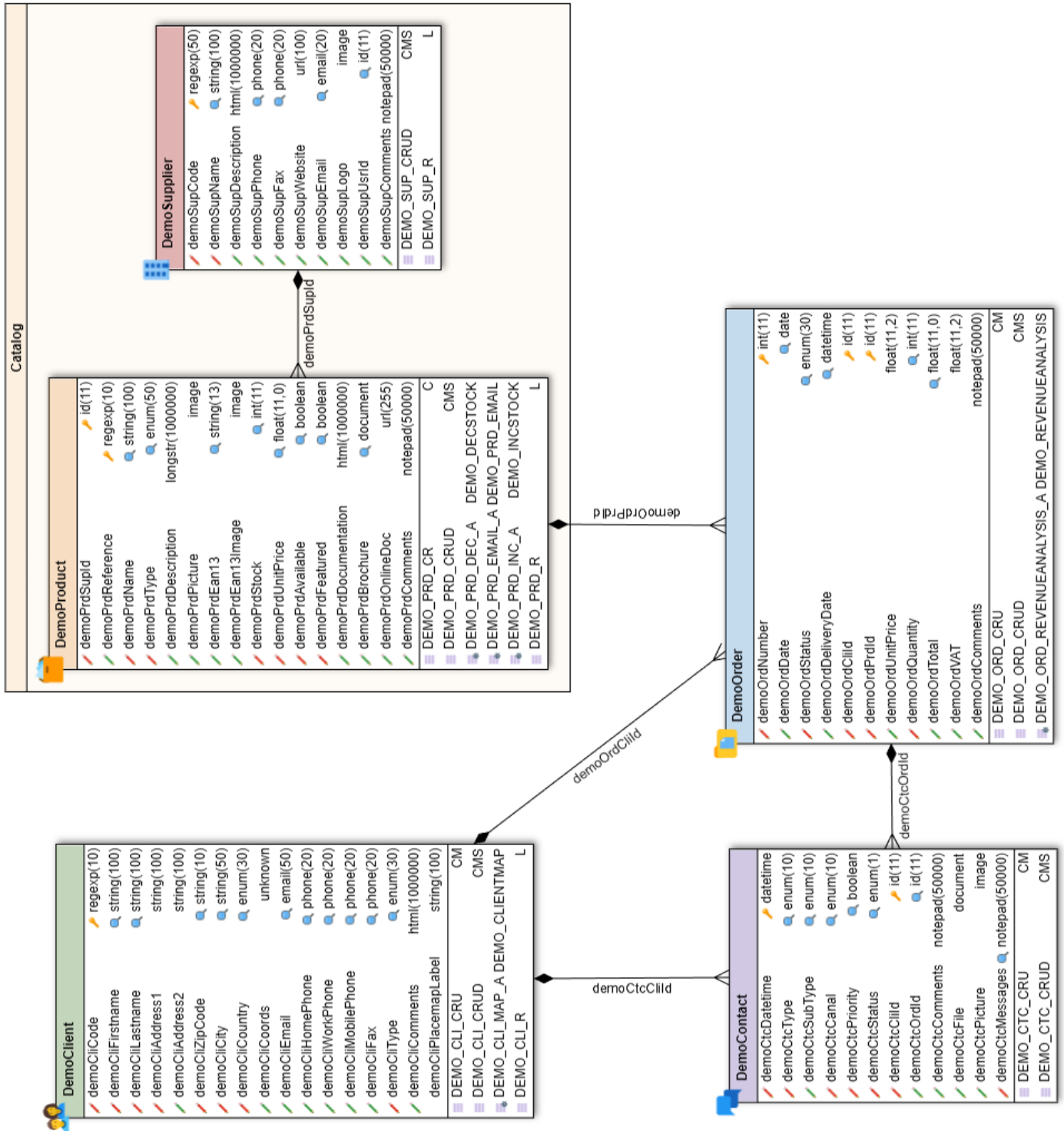


## 1.2. ModelState: DemoContactStates



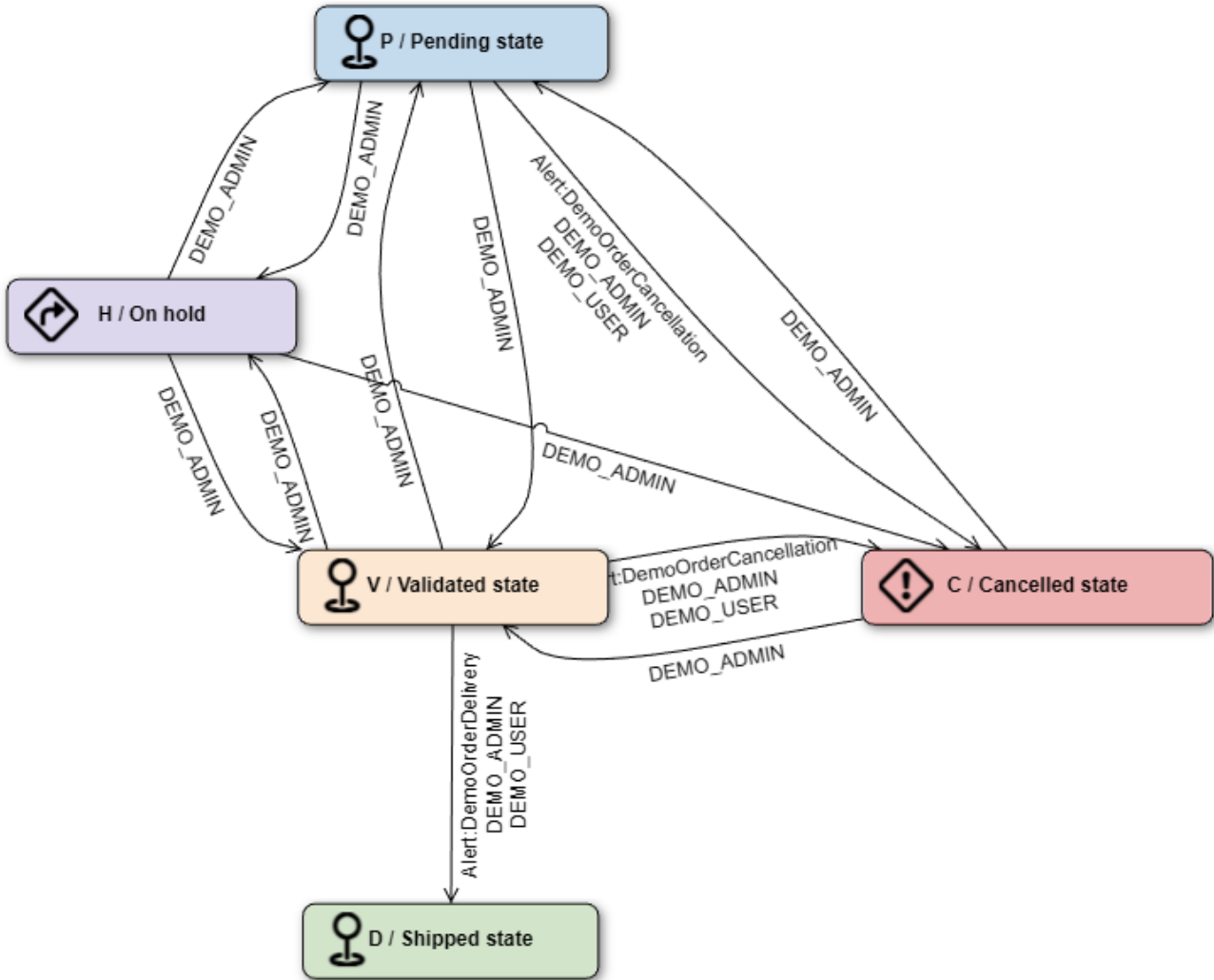


### 1.3. ModelObject: DemoObjects



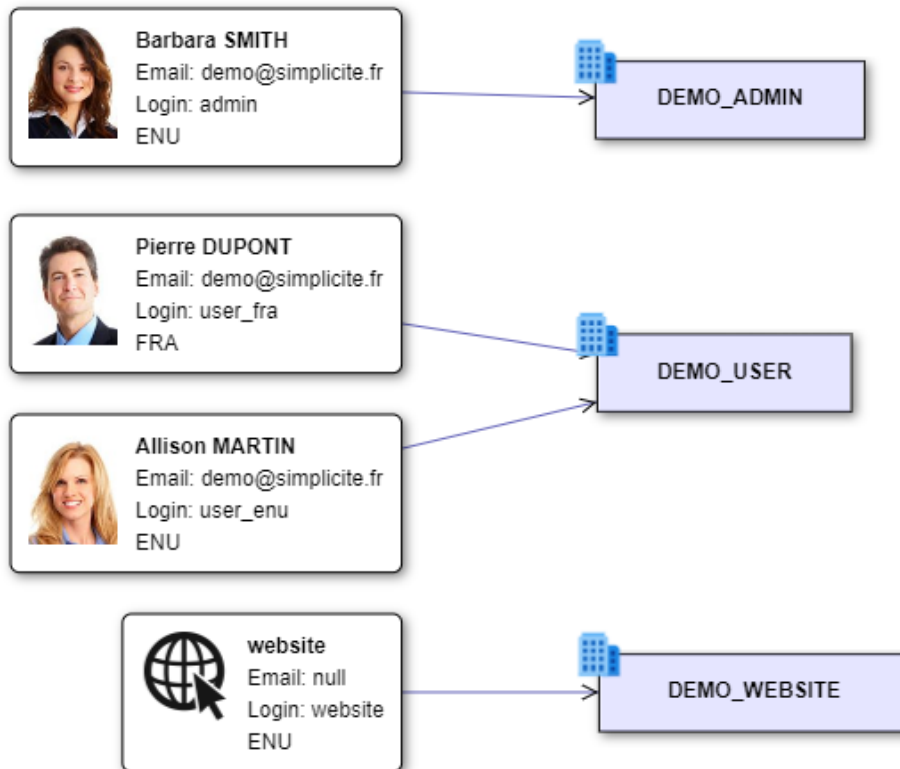


### 1.4. ModelState: DemoOrderStates



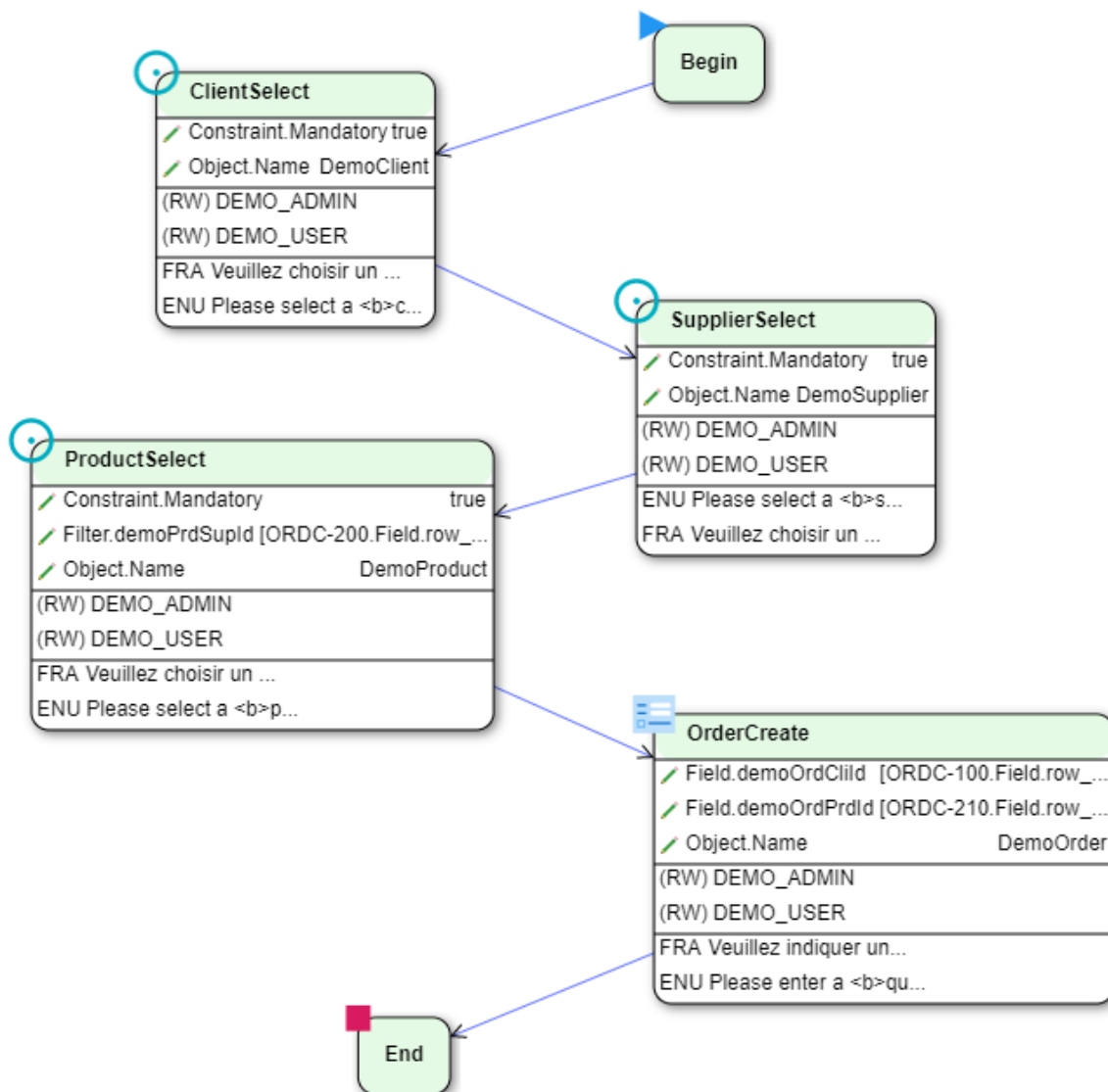


## 1.5. ModelUser: DemoUsers





### 1.6. ModelProcess: DemoWorkflow





## 2. Module

### 2.1. Business object: DemoClient

<b>Code</b>	DemoClient
<b>Table</b>	demo_client
<b>Type</b>	Business object
<b>Source code</b>	DemoClient.java
<b>Description</b>	The <b>**customer**</b> business object corresponds to the customer who places order. His address is geolocalized using GoogleMaps&reg; API.
<b>Export order</b>	3
<b>Prefix</b>	cli

<b>Default panel</b>	DemoOrder;demoOrdClild	<b>Timestamp</b>	Optimistic
<b>Template Name</b>	DemoClient	<b>Distinct</b>	No
<b>Use form</b>	Yes	<b>Copy enabled</b>	Yes
<b>Icon code</b>	img/color/view_user	<b>Data export</b>	All
<b>View mode</b>	Tabbed	<b>Bulk update</b>	Yes
		<b>Bulk delete</b>	Yes
		<b>Data history</b>	Change log
		<b>Printable</b>	Yes
		<b>Follow links</b>	Yes
		<b>Mergeable</b>	Yes
		<b>Social post</b>	Popup
		<b>Tray menu</b>	Yes
		<b>Dashboard</b>	States menu
		<b>Permalink</b>	/customers-[USERKEY]

#### 2.1.1. Object translation

Object	Lan	Translation	Module Name
Business object: DemoClient	ENU	Customer	Demo
<b>Plural translation</b>	Customers		

Object	Lan	Translation	Module Name
Business object: DemoClient	FRA	Client	Demo
<b>Plural translation</b>	Clients		

#### 2.1.2. Function

Code	Object Code	Func t	Action Name	View Name
DEMO_CLI_CRU	DemoClient	C M		



DEMO_CLI_CRUD	DemoClient	C M S		
DEMO_CLI_MAP_A	DemoClient	A	DEMO_CLIENTMAP	
DEMO_CLI_R	DemoClient	L		

### 2.1.3. Object field

Name	Trans.	Order	Sort	Zone	Object	Reference
demoCliCode	ENU : Code FRA : Code	100	1	DemoClient-1		
demoCliFirstname	ENU : First name FRA : Prénom	110		DemoClient-1		
demoCliLastname	ENU : Last name FRA : Nom	120		DemoClient-1		
demoCliAddress1	ENU : Address FRA : Adresse	200		DemoClient-2		
demoCliAddress2	ENU : Additional address FRA : Complément d'adresse	210		DemoClient-2		
demoCliZipCode	ENU : Postal code FRA : Code postal	230		DemoClient-2		
demoCliCity	ENU : City FRA : Ville	240		DemoClient-2		
demoCliCountry	ENU : Country FRA : Pays	250		DemoClient-2		
demoCliCoords	ENU : Coordinates FRA : Coordonnées	260		DemoClient-2		
demoCliEmail	ENU : E-mail FRA : E-mail	300		DemoClient-3		
demoCliHomePhone	ENU : Home phone number FRA : Téléphone domicile	310		DemoClient-3		
demoCliWorkPhone	ENU : Work phone number FRA : Téléphone travail	320		DemoClient-3		
demoCliMobilePhone	ENU : Mobile phone number FRA : Téléphone mobile	330		DemoClient-3		
demoCliFax	ENU : Fax number FRA : Fax	340		DemoClient-3		
demoCliType	ENU : Type FRA : Type	400		DemoClient-4		
demoCliComments	ENU : Comments FRA : Commentaires	410		DemoClient-4		
demoCliPlacemapLabel	ENU : Placemap label FRA : Libellé carte	420		DemoClient-4		

### 2.1.4. Field

Name	Required	Update	Key	Search	More form	More list	Type	Column	Visible	Default value
demoCliCode	X	X	X	X			REGEXP(10) CODE	cli_code	Yes	
demoCliFirstname	X	X		X			CHAR(100)	cli_firstname	Yes	
demoCliLastname	X	X		X			CHAR(100)	cli_lastname	Yes	
demoCliAddress1	X	X					CHAR(100)	cli_address1	Form	
demoCliAddress2		X					CHAR(100)	cli_address2	Form	
demoCliZipCode	X	X		X			CHAR(10)	cli_zipcode	Yes	



Name	Required	Update	Key	Search	More form	More list	Type	Column	Visible	Default value
demoCliCity	X	X		X			CHAR(50)	cli_city	Yes	
demoCliCountry	X	X					ENUM(30) DEMO_COUNTRY	cli_country	Yes	
demoCliCoords		X			X	X	GEOCOORDS	cli_coords	Form	
demoCliEmail		X		X			EMAIL(50)	cli_email	Yes	
demoCliHomePhone		X		X			PHONE(20)	cli_homephone	Form	
demoCliWorkPhone		X		X			PHONE(20)	cli_workphone	Form	
demoCliMobilePhone		X		X			PHONE(20)	cli_mobilephone	Form	
demoCliFax		X		X			PHONE(20)	cli_fax	Form	
demoCliType	X	X					ENUM(30) DEMO_CLI_TYPE	cli_type	Yes	T1
demoCliComments		X					HTML(1000000)	cli_comments	Form	
demoCliPlacemapLabel		X			X	X	CHAR(100)		No	

### 2.1.5. Translated list value

#### DEMO\_COUNTRY

Code	Language	Value	Order
FR	ENU	France	1
UK	ENU	United Kingdom	2
SP	ENU	Spain	3
IT	ENU	Italy	3
FR	FRA	France	1
UK	FRA	Royaume Uni	2
SP	FRA	Espagne	3
IT	FRA	Italie	3

#### DEMO\_CLI\_TYPE

Code	Language	Value	Order
T1	ENU	External	1
T2	ENU	Internal	2
T3	ENU	Partner	3
T1	FRA	Externe	1
T2	FRA	Interne	2
T3	FRA	Partenaire	3

### 2.1.6. ObjectDB extends

Java method	Parameters
String getUserKeyLabel	String[]
void postLoad	
List postValidate	
String preSave	





## 2.2. Business object: DemoContact

<b>Code</b>	DemoContact
<b>Table</b>	demo_contact
<b>Type</b>	Business object
<b>Source code</b>	DemoContact.java
<b>Description</b>	The <b>contact</b> object holds the interactions with the clients. A contact can be linked or not a an order of the selected client (when linked to an order the `demoCtcOrdId` field is set).
<b>Export order</b>	-1
<b>Prefix</b>	ctc

<b>Default panel</b>	DemoContactHistoric;row_ref_id	<b>Timestamp</b>	Optimistic
<b>Template Name</b>	DemoContact	<b>Distinct</b>	No
<b>Use form</b>	Yes	<b>Copy enabled</b>	Yes
<b>Icon code</b>	img/color/chat	<b>Data export</b>	All
<b>View mode</b>	Vertical tabs	<b>Bulk update</b>	Yes
		<b>Bulk delete</b>	Yes
		<b>Data history</b>	History table Social post Change log
		<b>Printable</b>	Yes
		<b>Follow links</b>	Yes
		<b>Mergeable</b>	No
		<b>Social post</b>	Popup
		<b>Tray menu</b>	Yes
		<b>Dashboard</b>	States menu
		<b>Permalink</b>	/contacts-[USERKEY]

### 2.2.1. Object translation

Object	Lan	Translation	Module Name
Business object: DemoContact	ENU	Contact	Demo
<b>Plural translation</b>	Contacts		

Object	Lan	Translation	Module Name
Business object: DemoContact	FRA	Contact	Demo
<b>Plural translation</b>	Contacts		

### 2.2.2. Function

Code	Object Code	Function	Action Name	View Name
DEMO_CTC_CRU	DemoContact	CM		



DEMO_CTC_CRUD	DemoContact	C M S		
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### 2.2.3. Object field

Name	Trans.	Order	Sort	Zone	Object	Reference
demoCtcDatetime	ENU : Date FRA : Date	100	-1	DemoContact-1		
demoCtcType	ENU : Type FRA : Type	110		DemoContact-1		
demoCtcSubType	ENU : Sub-type FRA : Sous-type	120		DemoContact-1		
demoCtcCanal	ENU : Channel FRA : Canal	130		DemoContact-1		
demoCtcPriority	ENU : Priority FRA : Priorité	140		DemoContact-1		
demoCtcStatus	ENU : Status FRA : État	190		DemoContact-1		
demoCtcCliId	ENU : Customer FRA : Client	200		DemoContact-2	DemoClient	Cascade
demoCliCode	ENU : Code FRA : Code	210	2	DemoContact-2	DemoClient	demoCtcCliId
demoCliFirstname	ENU : First name FRA : Prénom	220		DemoContact-2	DemoClient	demoCtcCliId
demoCliLastname	ENU : Last name FRA : Nom	230		DemoContact-2	DemoClient	demoCtcCliId
demoCliEmail	ENU : E-mail FRA : E-mail	240		DemoContact-2	DemoClient	demoCtcCliId
demoCliHomePhone	ENU : Home phone number FRA : Téléphone domicile	250		DemoContact-2	DemoClient	demoCtcCliId
demoCliWorkPhone	ENU : Work phone number FRA : Téléphone travail	260		DemoContact-2	DemoClient	demoCtcCliId
demoCliMobilePhone	ENU : Mobile phone number FRA : Téléphone mobile	270		DemoContact-2	DemoClient	demoCtcCliId
demoCliFax	ENU : Fax number FRA : Fax	280		DemoContact-2	DemoClient	demoCtcCliId
demoCtcOrdId	ENU : Order FRA : Commande	300		DemoContact-3	DemoOrder	Cascade
demoOrdNumber	ENU : Number FRA : Numéro	310		DemoContact-3	DemoOrder	demoCtcOrdId
demoOrdDate	ENU : Date FRA : Date	320		DemoContact-3	DemoOrder	demoCtcOrdId
demoOrdStatus	ENU : Status FRA : État	330		DemoContact-3	DemoOrder	demoCtcOrdId
demoOrdCliId	ENU : Customer FRA : Client	340		DemoContact-3	DemoOrder	demoCtcOrdId
demoCliCode	ENU : Code FRA : Code	345		DemoContact-3	DemoClient	demoOrdCliId
demoOrdPrdId	ENU : Product FRA : Produit	350		DemoContact-3	DemoOrder	demoCtcOrdId
demoPrdSupId	ENU : Supplier FRA : Fournisseur	360		DemoContact-3	DemoProduct	demoOrdPrdId
demoSupCode	ENU : Code FRA : Code	361		DemoContact-3	DemoSupplier	demoPrdSupId
demoSupUsrId	ENU : Responsible user FRA : Utilisateur responsable	365		DemoContact-3	DemoSupplier	demoPrdSupId
demoPrdReference	ENU : Reference FRA : Référence	370		DemoContact-3	DemoProduct	demoOrdPrdId
demoPrdName	ENU : Name FRA : Nom	380		DemoContact-3	DemoProduct	demoOrdPrdId
demoOrdQuantity	ENU : Quantity FRA : Quantité	390		DemoContact-3	DemoOrder	demoCtcOrdId



Name	Trans.	Order	Sort	Zone	Object	Reference
	FRA : Quantité					
demoCtcComments	ENU : Comments FRA : Commentaires	400		DemoContact-4		
demoCtcFile	ENU : Files FRA : Fichiers	410		DemoContact-4		
demoCtcPicture	ENU : Picture FRA : Photo	420		DemoContact-4		
demoCtcMessages	ENU : Messages FRA : Messages	490		DemoContact-4		

## 2.2.4. Field

Name	Required	Update	Key	Search	More form	More list	Type	Column	Visible	Default value
demoCtcDatetime	X		X				DATETIME	ctc_datetime	Yes	[DATETIME]
demoCtcType	X	X		X			ENUM(10) DEMO_CTC_TYPE	ctc_type	Yes	
demoCtcSubType		X		X			ENUM(10) DEMO_CTC_SUBTYPE	ctc_subtype	Yes	
demoCtcCanal	X	X		X			ENUM(10) DEMO_CTC_CANAL	ctc_canal	Yes	PHONE
demoCtcPriority	X	X		X			BOOLEAN	ctc_priority	Yes	0
demoCtcStatus	X	X		X			ENUM(1) DEMO_CTC_STATUS	ctc_status	Yes	O
demoCtcCliId	X	X	X	X			ID	ctc_cli_id	Yes	
demoCliCode	X	X	X	X			REGEXP(10) CODE	cli_code	Yes	
demoCliFirstname	X	X		X			CHAR(100)	cli_firstname	Yes	
demoCliLastname	X	X		X			CHAR(100)	cli_lastname	Yes	
demoCliEmail		X		X			EMAIL(50)	cli_email	Yes	
demoCliHomePhone		X		X			PHONE(20)	cli_homephone	Form	
demoCliWorkPhone		X		X			PHONE(20)	cli_workphone	Form	
demoCliMobilePhone		X		X			PHONE(20)	cli_mobilephone	Form	
demoCliFax		X		X			PHONE(20)	cli_fax	Form	
demoCtcOrdId		X		X			ID	ctc_ord_id	Yes	
demoOrdNumber	X		X	X			INT(11)	ord_number	Yes	[ROWID]
demoOrdDate							DATE	ord_date	Yes	[DATE]
demoOrdStatus	X	X					ENUM(30) DEMO_ORD_STATUS	ord_status	Yes	P
demoOrdCliId	X	X	X	X			ID	ord_cli_id	Yes	
demoCliCode	X	X	X	X			REGEXP(10) CODE	cli_code	Yes	
demoOrdPrdId	X	X	X	X			ID	ord_prd_id	Yes	
demoPrdSupId	X	X	X	X			ID	prd_sup_id	Yes	
demoSupCode	X	X	X	X			REGEXP(50) CODE	sup_code	Yes	
demoSupUsrId		X		X			ID	sup_usr_id	Yes	[USERID]
demoPrdReference			X	X			REGEXP(10) CODE	prd_code	Yes	
demoPrdName	X	X		X			CHAR(100)	prd_name	Yes	



Name	Required	Update	Key	Search	More form	More list	Type	Column	Visible	Default value
demoOrdQuantity	X	X					INT(11)	ord_quantity	Yes	1
demoCtcComments		X					NOTEPAD(50000)	ctc_comments	Forb	
demoCtcFile		X					DOCUMENT	ctc_file	Form	
demoCtcPicture		X					IMAGE	ctc_picture	Form	
demoCtcMessages	X	X		X			NOTEPAD(50000)	ctc_messages	Form	

## 2.2.5. Translated list value

### DEMO\_CTC\_TYPE

Code	Language	Value	Order
INF	ENU	Information	1
REQ	ENU	Request	2
CMP	ENU	Complaint	3
OTH	ENU	Other	4
INF	FRA	Information	1
REQ	FRA	Demande	2
CMP	FRA	Réclamation	3
OTH	FRA	Autre	4

### DEMO\_CTC\_SUBTYPE

Code	Language	Value	Order
EMPTY	ENU	Empty	0
EMPTY	FRA	Vide	0

### DEMO\_CTC\_CANAL

Code	Language	Value	Order
PHONE	ENU	Phone	1
EMAIL	ENU	E-mail	2
CHAT	ENU	Chat	3
WEB	ENU	Web site	4
PHONE	FRA	Téléphone	1
EMAIL	FRA	E-mail	2
CHAT	FRA	Chat	3
WEB	FRA	Site web	4

### DEMO\_CTC\_STATUS

Code	Language	Value	Order
O	ENU	Open	1
P	ENU	Processing	2
C	ENU	Closed	3
O	FRA	Ouvert	1
P	FRA	En traitement	2
C	FRA	Fermé	3



## DEMO\_ORD\_STATUS

Code	Language	Value	Order
P	ENU	Pending	1
V	ENU	Validated	2
H	ENU	On hold	2
D	ENU	Shipped	4
C	ENU	Cancelled	5
P	FRA	En attente	1
H	FRA	Reportée	2
V	FRA	Validée	2
D	FRA	Envoyée	4
C	FRA	Annulée	5

### 2.2.6. ObjectDB extends

Java method	Parameters
Object printMustache	PrintTemplate
Object printExcel	PrintTemplate
void postLoad	
boolean canReference	String, String



### 2.3. Business object: DemoContactHistoric

<b>Code</b>	DemoContactHistoric
<b>Table</b>	demo_contact_hist
<b>Type</b>	Business object
<b>Description</b>	<p>**Contact** object history, tracks changes on:</p> <ul style="list-style-type: none"> <li>- Status</li> <li>- Type and/or subtype</li> <li>- Comments</li> </ul>
<b>Export order</b>	-1
<b>Prefix</b>	ctch

<b>Template Name</b>	Base
<b>Use form</b>	No
<b>Icon code</b>	icon/color/clock
<b>View mode</b>	Vertical tabs

<b>Timestamp</b>	Optimistic
<b>Distinct</b>	No
<b>Copy enabled</b>	No
<b>Data export</b>	All
<b>Bulk update</b>	No
<b>Bulk delete</b>	No
<b>Printable</b>	Yes
<b>Follow links</b>	Yes
<b>Mergeable</b>	No
<b>Social post</b>	Popup
<b>Tray menu</b>	No

#### 2.3.1. Object translation

Object	Lan	Translation	Module Name
Business object: DemoContactHistoric	ENU	Contact (hist.)	Demo
Business object: DemoContactHistoric	FRA	Contact (hist.)	Demo

#### 2.3.2. Function

Code	Object Code	Func t	Action Name	View Name
DEMO_CTCH_R	DemoContactHistoric	L		

#### 2.3.3. Object field

Name	Trans.	Order	Sort	Zone	Object	Reference
row_ref_id	ENU : Reference FRA : Référence	10	1		DemoContact	Cascade
demoCtcDatetime	ENU : Date FRA : Date	11			DemoContact	row_ref_id
demoCtcCliId	ENU : Customer FRA : Client	12			DemoContact	row_ref_id
demoCliCode	ENU : Code FRA : Code	13			DemoClient	demoCtcCliId
row_idx	ENU : Version FRA : Version	20	-2			



Name	Trans.	Order	Sort	Zone	Object	Reference
created_by_hist	ENU : User FRA : Utilisateur	30				
created_dt_hist	ENU : Date FRA : Date	40				
demoCtcStatus	ENU : Status FRA : État	100				
demoCtcType	ENU : Type FRA : Type	110				
demoCtcSubType	ENU : Sub-type FRA : Sous-type	120				

### 2.3.4. Field

Name	Required	Update	Key	Search	More form	More list	Type	Column	Visible	Default value
row_ref_id	X		X	X			ID	row_ref_id	Yes	
demoCtcDatetime	X		X				DATETIME	ctc_datetime	Yes	[DATETIME]
demoCtcCliId	X	X	X	X			ID	ctc_cli_id	Yes	
demoCliCode	X	X	X	X			REGEXP(10) CODE	cli_code	Yes	
row_idx	X	X	X	X			INT(11)	row_idx	Yes	
created_by_hist	X		X				CHAR(100)	created_by	Yes	
created_dt_hist	X		X				DATETIME	created_dt	Yes	
demoCtcStatus	X	X		X			ENUM(1) DEMO_CTC_STATUS	ctc_status	Yes	0
demoCtcType	X	X		X			ENUM(10) DEMO_CTC_TYPE	ctc_type	Yes	
demoCtcSubType		X		X			ENUM(10) DEMO_CTC_SUBTYPE	ctc_subtype	Yes	

### 2.3.5. Translated list value

#### DEMO\_CTC\_STATUS

Code	Language	Value	Order
O	ENU	Open	1
P	ENU	Processing	2
C	ENU	Closed	3
O	FRA	Ouvert	1
P	FRA	En traitement	2
C	FRA	Fermé	3

#### DEMO\_CTC\_TYPE

Code	Language	Value	Order
INF	ENU	Information	1
REQ	ENU	Request	2
CMP	ENU	Complaint	3
OTH	ENU	Other	4
INF	FRA	Information	1
REQ	FRA	Demande	2



Code	Language	Value	Order
CMP	FRA	Réclamation	3
OTH	FRA	Autre	4

**DEMO\_CTC\_SUBTYPE**

Code	Language	Value	Order
EMPTY	ENU	Empty	0
EMPTY	FRA	Vide	0



## 2.4. Business object: DemoOrder

<b>Code</b>	DemoOrder
<b>Table</b>	demo_order
<b>Type</b>	Business object
<b>Source code</b>	DemoOrder.java
<b>Description</b>	The <b>**order**</b> business object corresponds to the product orders placed by clients. An order is for one single product.
<b>Export order</b>	-1
<b>Prefix</b>	ord

<b>Default panel</b>	DemoOrderHistoric;row_ref_id	<b>Timestamp</b>	Optimistic
<b>Template Name</b>	DemoOrder	<b>Distinct</b>	No
<b>Use form</b>	Yes	<b>Copy enabled</b>	No
<b>Icon code</b>	img/color/documents_folder	<b>Data export</b>	All
<b>View mode</b>	Tabbed	<b>Bulk update</b>	Yes
		<b>Bulk delete</b>	Yes
		<b>Data history</b>	History table Social post Change log
		<b>Printable</b>	Yes
		<b>Follow links</b>	Yes
		<b>Mergeable</b>	No
		<b>Social post</b>	Popup
		<b>Tray menu</b>	Yes
		<b>Dashboard</b>	States menu
		<b>Permalink</b>	/orders-[USERKEY]

### 2.4.1. Object translation

Object	Lan	Translation	Module Name
Business object: DemoOrder	ENU	Order	Demo
<b>Plural translation</b>	Orders		

Object	Lan	Translation	Module Name
Business object: DemoOrder	FRA	Commande	Demo
<b>Plural translation</b>	Commandes		

### 2.4.2. Function

Code	Object Code	Function	Action Name	View Name
DEMO_ORD_CRU	DemoOrder	CM		



DEMO_ORD_CRUD	DemoOrder	C M S		
DEMO_ORD_REVENUEANALYSIS_A	DemoOrder	A	DEMO_REVENUEANALYSIS	

### 2.4.3. Object field

Name	Trans.	Order	Sort	Zone	Object	Reference
demoOrdNumber	ENU : Number FRA : Numéro	100	-1	DemoOrder-1		
demoOrdDate	ENU : Date FRA : Date	110		DemoOrder-1		
demoOrdStatus	ENU : Status FRA : État	120		DemoOrder-1		
demoOrdDeliveryDate	ENU : Delivery date FRA : Date de livraison	130		DemoOrder-1		
demoOrdCliId	ENU : Customer FRA : Client	200		DemoOrder-2	DemoClient	Cascade
demoCliCode	ENU : Code FRA : Code	210		DemoOrder-2	DemoClient	demoOrdCliId
demoCliFirstname	ENU : First name FRA : Prénom	220		DemoOrder-2	DemoClient	demoOrdCliId
demoCliLastname	ENU : Last name FRA : Nom	230		DemoOrder-2	DemoClient	demoOrdCliId
demoCliEmail	ENU : E-mail FRA : E-mail	240		DemoOrder-2	DemoClient	demoOrdCliId
demoCliAddress1	ENU : Address FRA : Adresse	250		DemoOrder-2	DemoClient	demoOrdCliId
demoCliAddress2	ENU : Additional address FRA : Complément d'adresse	251		DemoOrder-2	DemoClient	demoOrdCliId
demoCliZipCode	ENU : Postal code FRA : Code postal	253		DemoOrder-2	DemoClient	demoOrdCliId
demoCliCity	ENU : City FRA : Ville	254		DemoOrder-2	DemoClient	demoOrdCliId
demoCliCountry	ENU : Country FRA : Pays	255		DemoOrder-2	DemoClient	demoOrdCliId
demoOrdPrdId	ENU : Product FRA : Produit	300		DemoOrder-3	DemoProduct	Cascade
demoPrdReference	ENU : Reference FRA : Référence	310		DemoOrder-3	DemoProduct	demoOrdPrdId
demoPrdName	ENU : Name FRA : Nom	320		DemoOrder-3	DemoProduct	demoOrdPrdId
demoPrdType	ENU : Type FRA : Type	325		DemoOrder-3	DemoProduct	demoOrdPrdId
demoPrdPicture	ENU : Picture FRA : Photo	330		DemoOrder-3	DemoProduct	demoOrdPrdId
demoPrdEan13	ENU : EAN 13 barcode FRA : Code barre EAN 13	335		DemoOrder-3	DemoProduct	demoOrdPrdId
demoPrdEan13Image	ENU : EAN 13 barcode image FRA : Image du code barre EAN 13	336		DemoOrder-3	DemoProduct	demoOrdPrdId
demoPrdSupId	ENU : Supplier FRA : Fournisseur	340		DemoOrder-3	DemoProduct	demoOrdPrdId
demoSupCode	ENU : Code FRA : Code	350		DemoOrder-3	DemoSupplier	demoPrdSupId
demoSupName	ENU : Name FRA : Nom	360		DemoOrder-3	DemoSupplier	demoPrdSupId
demoSupLogo	ENU : Logo FRA : Logo	370		DemoOrder-3	DemoSupplier	demoPrdSupId
demoSupUsrId	ENU : Responsible user FRA : Utilisateur responsable	375		DemoOrder-3	DemoSupplier	demoPrdSupId



Name	Trans.	Order	Sort	Zone	Object	Reference
demoPrdStock	ENU : Stock FRA : Stock	380		DemoOrder-3	DemoProduct	demoOrdPrdId
demoPrdUnitPrice	ENU : Unit price FRA : Prix unitaire	390		DemoOrder-3	DemoProduct	demoOrdPrdId
demoOrdUnitPrice	ENU : Unit price FRA : Prix unitaire	400		DemoOrder-4		
demoOrdQuantity	ENU : Quantity FRA : Quantité	410		DemoOrder-4		
demoOrdTotal	ENU : Total FRA : Total	420		DemoOrder-4		
demoOrdVAT	ENU : VAT FRA : TVA	430		DemoOrder-4		
demoOrdComments	ENU : Comments FRA : Commentaires	500		DemoOrder-5		

## 2.4.4. Field

Name	Required	Update	Key	Search	More form	More list	Type	Column	Visible	Default value
demoOrdNumber	X		X	X			INT(11)	ord_number	Yes	[ROWID]
demoOrdDate							DATE	ord_date	Yes	[DATE]
demoOrdStatus	X	X					ENUM(30) DEMO_ORD_STATUS	ord_status	Yes	P
demoOrdDeliveryDate		X		X			DATETIME	ord_deliverydate	Form	[DATE:3] + "08:00:00"
demoOrdCliId	X	X	X	X			ID	ord_cli_id	Yes	
demoCliCode	X	X	X	X			REGEXP(10) CODE	cli_code	Yes	
demoCliFirstname	X	X		X			CHAR(100)	cli_firstname	Yes	
demoCliLastname	X	X		X			CHAR(100)	cli_lastname	Yes	
demoCliEmail		X		X			EMAIL(50)	cli_email	Yes	
demoCliAddress1	X	X					CHAR(100)	cli_address1	Form	
demoCliAddress2		X					CHAR(100)	cli_address2	Form	
demoCliZipCode	X	X		X			CHAR(10)	cli_zipcode	Yes	
demoCliCity	X	X		X			CHAR(50)	cli_city	Yes	
demoCliCountry	X	X					ENUM(30) DEMO_COUNTRY	cli_country	Yes	
demoOrdPrdId	X	X	X	X			ID	ord_prd_id	Yes	
demoPrdReference			X	X			REGEXP(10) CODE	prd_code	Yes	
demoPrdName	X	X		X			CHAR(100)	prd_name	Yes	
demoPrdType	X	X					ENUM(50) DEMO_PRD_TYPE	prd_type	Yes	
demoPrdPicture		X					IMAGE	prd_picture	Yes	
demoPrdEan13		X		X	X	X	CHAR(13)	prd_ean13	Yes	
demoPrdEan13Image					X	X	IMAGE	prd_ean13_image	Yes	
demoPrdSupId	X	X	X	X			ID	prd_sup_id	Yes	
demoSupCode	X	X	X	X			REGEXP(50) CODE	sup_code	Yes	
demoSupName	X	X		X			CHAR(100)	sup_name	Yes	



Name	Required	Update	Key	Search	More form	More list	Type	Column	Visible	Default value
demoSupLogo		X					IMAGE	sup_logo	Yes	
demoSupUsrId		X		X			ID	sup_usr_id	Yes	[USERID]
demoPrdStock	X	X		X			INT(11)	prd_stock	Yes	0
demoPrdUnitPrice	X	X		X			FLOAT(11, 0)	prd_unitprice	Yes	0
demoOrdUnitPrice							FLOAT(11, 2)	ord_unitprice	Form	
demoOrdQuantity	X	X					INT(11)	ord_quantity	Yes	1
demoOrdTotal				X			FLOAT(11, 0)	ord_total	Yes	0
demoOrdVAT							FLOAT(11, 2)		Yes	0
demoOrdComments		X					NOTEPAD(50000)	ord_comments	Form	

## 2.4.5. Translated list value

### DEMO\_ORD\_STATUS

Code	Language	Value	Order
P	ENU	Pending	1
V	ENU	Validated	2
H	ENU	On hold	2
D	ENU	Shipped	4
C	ENU	Cancelled	5
P	FRA	En attente	1
H	FRA	Reportée	2
V	FRA	Validée	2
D	FRA	Envoyée	4
C	FRA	Annulée	5

### DEMO\_COUNTRY

Code	Language	Value	Order
FR	ENU	France	1
UK	ENU	United Kingdom	2
SP	ENU	Spain	3
IT	ENU	Italy	3
FR	FRA	France	1
UK	FRA	Royaume Uni	2
SP	FRA	Espagne	3
IT	FRA	Italie	3

### DEMO\_PRD\_TYPE

Code	Language	Value	Order
LAPTOP	ENU	Laptop	10
DESKTOP	ENU	Desktop	20
TABLET	ENU	Tablet	30
SMARTPHONE	ENU	Smartphone	40
OTHER	ENU	Other	50



Code	Language	Value	Order
LAPTOP	FRA	PC portable	10
DESKTOP	FRA	PC de bureau	20
TABLET	FRA	Tablette	30
SMARTPHONE	FRA	Smartphone	40
OTHER	FRA	Autre	50

#### 2.4.6. ObjectDB extends

Java method	Parameters
boolean isPrintTemplateEnable	String[], String
String getUserKeyLabel	String[]
List postValidate	
String postUpdate	
String postSave	
boolean canReference	String, String



## 2.5. Business object: DemoOrderHistoric

<b>Code</b>	DemoOrderHistoric
<b>Table</b>	demo_order_hist
<b>Type</b>	Business object
<b>Description</b>	**Order** object history, tracks changes on: - Status - Quantity
<b>Export order</b>	-1
<b>Prefix</b>	ordh

<b>Template Name</b>	Base	<b>Timestamp</b>	Optimistic
<b>List template</b>	DemoOrderHistoric-row	<b>Distinct</b>	No
<b>List template context</b>	Main list Panel list	<b>Copy enabled</b>	No
<b>Use form</b>	No	<b>Data export</b>	All
<b>Icon code</b>	icon/color/clock	<b>Bulk update</b>	No
<b>View mode</b>	Vertical tabs	<b>Bulk delete</b>	No
		<b>Printable</b>	Yes
		<b>Follow links</b>	Yes
		<b>Mergeable</b>	No
		<b>Social post</b>	Popup
		<b>Tray menu</b>	No

### 2.5.1. Object translation

Object	Lan	Translation	Module Name
Business object: DemoOrderHistoric	ENU	Order (hist.)	Demo
Business object: DemoOrderHistoric	FRA	Commande (hist.)	Demo

### 2.5.2. Function

Code	Object Code	Function	Action Name	View Name
DEMO_ORDH_R	DemoOrderHistoric	L		

### 2.5.3. Object field

Name	Trans.	Order	Sort	Zone	Object	Reference
row_ref_id	ENU : Reference FRA : Référence	10	1		DemoOrder	Cascade
demoOrdNumber	ENU : Number FRA : Numéro	11			DemoOrder	row_ref_id
demoOrdCliId	ENU : Customer FRA : Client	12			DemoOrder	row_ref_id
demoCliCode	ENU : Code FRA : Code	13			DemoClient	demoOrdCliId
demoOrdPrdId	ENU : Product FRA : Produit	14			DemoOrder	row_ref_id
demoPrdReference	ENU : Reference	15			DemoProduct	demoOrdPrdId



Name	Trans.	Order	Sort	Zone	Object	Reference
	FRA : Référence					
demoPrdSupId	ENU : Supplier FRA : Fournisseur	16			DemoProduct	demoOrdPrdId
demoSupCode	ENU : Code FRA : Code	17			DemoSupplier	demoPrdSupId
row_idx	ENU : Version FRA : Version	20	2			
created_by_hist	ENU : User FRA : Utilisateur	30				
created_dt_hist	ENU : Date FRA : Date	40				
demoOrdStatus	ENU : Status FRA : État	100				
demoOrdQuantity	ENU : Quantity FRA : Quantité	110				

### 2.5.4. Field

Name	Required	Update	Key	Search	More form	More list	Type	Column	Visible	Default value
row_ref_id	X		X	X			ID	row_ref_id	Yes	
demoOrdNumber	X		X	X			INT(11)	ord_number	Yes	[ROWID]
demoOrdCliId	X	X	X	X			ID	ord_cli_id	Yes	
demoCliCode	X	X	X	X			REGEXP(10) CODE	cli_code	Yes	
demoOrdPrdId	X	X	X	X			ID	ord_prd_id	Yes	
demoPrdReference			X	X			REGEXP(10) CODE	prd_code	Yes	
demoPrdSupId	X	X	X	X			ID	prd_sup_id	Yes	
demoSupCode	X	X	X	X			REGEXP(50) CODE	sup_code	Yes	
row_idx	X	X	X	X			INT(11)	row_idx	Yes	
created_by_hist	X		X				CHAR(100)	created_by	Yes	
created_dt_hist	X		X				DATETIME	created_dt	Yes	
demoOrdStatus	X	X					ENUM(30) DEMO_ORD_STATUS	ord_status	Yes	P
demoOrdQuantity	X	X					INT(11)	ord_quantity	Yes	1

### 2.5.5. Translated list value

#### DEMO\_ORD\_STATUS

Code	Language	Value	Order
P	ENU	Pending	1
V	ENU	Validated	2
H	ENU	On hold	2
D	ENU	Shipped	4
C	ENU	Cancelled	5
P	FRA	En attente	1
H	FRA	Reportée	2
V	FRA	Validée	2



Code	Language	Value	Order
D	FRA	Envoyée	4
C	FRA	Annulée	5



## 2.6. Business object: DemoProduct

<b>Code</b>	DemoProduct
<b>Table</b>	demo_product
<b>Type</b>	Business object
<b>Source code</b>	DemoProduct.java
<b>Description</b>	The <b>**product**</b> business object corresponds to the products that can be ordered. Its reference is unique per supplier.
<b>Export order</b>	2
<b>Prefix</b>	prd

<b>Default panel</b>	DemoProductHistoric;row_ref_id	<b>Timestamp</b>	Optimistic
<b>Template Name</b>	DemoProduct	<b>Distinct</b>	No
<b>Use form</b>	Yes	<b>Copy enabled</b>	Yes
<b>Icon code</b>	img/color/box	<b>Data export</b>	All
<b>View mode</b>	Tabbed	<b>Bulk update</b>	Yes
		<b>Bulk delete</b>	Yes
		<b>Data history</b>	History table Change log
		<b>Printable</b>	Yes
		<b>Follow links</b>	Yes
		<b>Mergeable</b>	No
		<b>Social post</b>	Popup
		<b>Tray menu</b>	Yes
		<b>Dashboard</b>	States menu
		<b>Permalink</b>	/products-[USERKEY]

### 2.6.1. Object translation

Object	Lan	Translation	Module Name
Business object: DemoProduct	ENU	Product	Demo
<b>Plural translation</b>	Products		

Object	Lan	Translation	Module Name
Business object: DemoProduct	FRA	Produit	Demo
<b>Plural translation</b>	Produits		

### 2.6.2. Function

Code	Object Code	Func t	Action Name	View Name
DEMO_PRD_CR	DemoProduct	C		



DEMO_PRD_CRUD	DemoProduct	C M S		
DEMO_PRD_DEC_A	DemoProduct	A	DEMO_DECSTOCK	
DEMO_PRD_EMAIL_A	DemoProduct	A	DEMO_PRD_EMAIL	
DEMO_PRD_INC_A	DemoProduct	A	DEMO_INCSTOCK	
DEMO_PRD_R	DemoProduct	L		

### 2.6.3. Object field

Name	Trans.	Order	Sort	Zone	Object	Reference
demoPrdSupId	ENU : Supplier FRA : Fournisseur	100		DemoProduct-1	DemoSupplier	Cascade
demoSupCode	ENU : Code FRA : Code	110	1	DemoProduct-1	DemoSupplier	demoPrdSupId
demoSupName	ENU : Name FRA : Nom	120		DemoProduct-1	DemoSupplier	demoPrdSupId
demoSupLogo	ENU : Logo FRA : Logo	130		DemoProduct-1	DemoSupplier	demoPrdSupId
demoSupUsrId	ENU : Responsible user FRA : Utilisateur responsable	140		DemoProduct-1	DemoSupplier	demoPrdSupId
demoPrdReference	ENU : Reference FRA : Référence	200	2	DemoProduct-2		
demoPrdName	ENU : Name FRA : Nom	210		DemoProduct-2		
demoPrdType	ENU : Type FRA : Type	220		DemoProduct-2		
demoPrdDescription	ENU : Description FRA : Description	230		DemoProduct-2		
demoPrdPicture	ENU : Picture FRA : Photo	240		DemoProduct-2		
demoPrdEan13	ENU : EAN 13 barcode FRA : Code barre EAN 13	250		DemoProduct-2		
demoPrdEan13Image	ENU : EAN 13 barcode image FRA : Image du code barre EAN 13	260		DemoProduct-2		
demoPrdStock	ENU : Stock FRA : Stock	300		DemoProduct-3		
demoPrdUnitPrice	ENU : Unit price FRA : Prix unitaire	310		DemoProduct-3		
demoPrdAvailable	ENU : Available FRA : Disponible ?	320		DemoProduct-3		
demoPrdFeatured	ENU : Featured? FRA : En vedette ?	330		DemoProduct-3		
demoPrdDocumentation	ENU : Documentation FRA : Documentation	400		DemoProduct-4		
demoPrdBrochure	ENU : Brochure FRA : Brochure	410		DemoProduct-4		
demoPrdOnlineDoc	ENU : Online doc FRA : Documentation en ligne	420		DemoProduct-4		
demoPrdComments	ENU : Comments FRA : Commentaires	500		DemoProduct-5		

### 2.6.4. Field



Name	Required	Update	Key	Search	More form	More list	Type	Column	Visible	Default value
demoPrdSupId	X	X	X	X			ID	prd_sup_id	Yes	
demoSupCode	X	X	X	X			REGEXP(50) CODE	sup_code	Yes	
demoSupName	X	X		X			CHAR(100)	sup_name	Yes	
demoSupLogo		X					IMAGE	sup_logo	Yes	
demoSupUsrId		X		X			ID	sup_usr_id	Yes	[USERID]
demoPrdReference			X	X			REGEXP(10) CODE	prd_code	Yes	
demoPrdName	X	X		X			CHAR(100)	prd_name	Yes	
demoPrdType	X	X					ENUM(50) DEMO_PRD_TYPE	prd_type	Yes	
demoPrdDescription		X				X	TEXT(1000000)	prd_description	Yes	
demoPrdPicture		X					IMAGE	prd_picture	Yes	
demoPrdEan13		X		X	X	X	CHAR(13)	prd_ean13	Yes	
demoPrdEan13Image					X	X	IMAGE	prd_ean13_image	Yes	
demoPrdStock	X	X		X			INT(11)	prd_stock	Yes	0
demoPrdUnitPrice	X	X		X			FLOAT(11, 0)	prd_unitprice	Yes	0
demoPrdAvailable	X	X		X	X		BOOLEAN	prd_available	Yes	1
demoPrdFeatured	X	X		X	X		BOOLEAN	prd_featured	Yes	0
demoPrdDocumentation		X			X	X	HTML(1000000)	prd_documentation	Form	
demoPrdBrochure		X		X	X	X	DOCUMENT	prd_brochure	Yes	
demoPrdOnlineDoc		X			X		URL(255)	prd_onlinedoc	Form	
demoPrdComments		X					NOTEPAD(50000)	prd_comments	Form	

## 2.6.5. Translated list value

### DEMO\_PRD\_TYPE

Code	Language	Value	Order
LAPTOP	ENU	Laptop	10
DESKTOP	ENU	Desktop	20
TABLET	ENU	Tablet	30
SMARTPHONE	ENU	Smartphone	40
OTHER	ENU	Other	50
LAPTOP	FRA	PC portable	10
DESKTOP	FRA	PC de bureau	20
TABLET	FRA	Tablette	30
SMARTPHONE	FRA	Smartphone	40
OTHER	FRA	Autre	50

## 2.6.6. ObjectDB extends

Java method	Parameters
String increaseStock	Map



Java method	Parameters
String decreaseStock	
Object printBrochure	PrintTemplate
String getUserKeyLabel	String[]
void initAction	Action
String preSave	
boolean canReference	String, String
String sendEmail	



## 2.7. Business object: DemoProductHistoric

<b>Code</b>	DemoProductHistoric
<b>Table</b>	demo_product_hist
<b>Type</b>	Business object
<b>Description</b>	<p>**Product** object history, tracks changes on:</p> <ul style="list-style-type: none"> <li>- Product name</li> <li>- Unit price</li> <li>- Availability</li> </ul>
<b>Export order</b>	-1
<b>Prefix</b>	prdh

<b>Template Name</b>	Base
<b>Use form</b>	No
<b>Icon code</b>	icon/color/clock
<b>View mode</b>	Vertical tabs

<b>Timestamp</b>	Optimistic
<b>Distinct</b>	No
<b>Copy enabled</b>	No
<b>Data export</b>	All
<b>Bulk update</b>	No
<b>Bulk delete</b>	No
<b>Printable</b>	Yes
<b>Follow links</b>	Yes
<b>Mergeable</b>	No
<b>Social post</b>	Popup
<b>Tray menu</b>	No

### 2.7.1. Object translation

Object	Lan	Translation	Module Name
Business object: DemoProductHistoric	ENU	Product (hist.)	Demo
Business object: DemoProductHistoric	FRA	Produit (hist.)	Demo

### 2.7.2. Function

Code	Object Code	Function	Action Name	View Name
DEMO_PRDH_R	DemoProductHistoric	L		

### 2.7.3. Object field

Name	Trans.	Order	Sort	Zone	Object	Reference
row_ref_id	ENU : Reference FRA : Référence	10			DemoProduct	Cascade
demoPrdSupId	ENU : Supplier FRA : Fournisseur	11			DemoProduct	row_ref_id
demoSupCode	ENU : Code FRA : Code	12			DemoSupplier	demoPrdSupId
demoPrdReference	ENU : Reference FRA : Référence	13			DemoProduct	row_ref_id
row_idx	ENU : Version FRA : Version	20				



Name	Trans.	Order	Sort	Zone	Object	Reference
created_by_hist	ENU : User FRA : Utilisateur	30				
created_dt_hist	ENU : Date FRA : Date	40	-1			
demoPrdReference	ENU : Reference FRA : Référence	100				
demoPrdName	ENU : Name FRA : Nom	110				
demoPrdUnitPrice	ENU : Unit price FRA : Prix unitaire	120				
demoPrdAvailable	ENU : Available FRA : Disponible ?	130				

## 2.7.4. Field

Name	Required	Update	Key	Search	More form	More list	Type	Column	Visible	Default value
row_ref_id	X		X	X			ID	row_ref_id	Yes	
demoPrdSupId	X	X	X	X			ID	prd_sup_id	Yes	
demoSupCode	X	X	X	X			REGEXP(50) CODE	sup_code	Yes	
demoPrdReference			X	X			REGEXP(10) CODE	prd_code	Yes	
row_idx	X	X	X	X			INT(11)	row_idx	Yes	
created_by_hist	X		X				CHAR(100)	created_by	Yes	
created_dt_hist	X		X				DATETIME	created_dt	Yes	
demoPrdReference			X	X			REGEXP(10) CODE	prd_code	Yes	
demoPrdName	X	X		X			CHAR(100)	prd_name	Yes	
demoPrdUnitPrice	X	X		X			FLOAT(11, 0)	prd_unitprice	Yes	0
demoPrdAvailable	X	X		X	X		BOOLEAN	prd_available	Yes	1



## 2.8. Business object: DemoSupplier

<b>Code</b>	DemoSupplier
<b>Table</b>	demo_supplier
<b>Type</b>	Business object
<b>Description</b>	The <b>**supplier**</b> business object corresponds to the suppliers of products that can be ordered.
<b>Export order</b>	1
<b>Prefix</b>	sup

<b>Default panel</b>	DemoProduct;demoPrdSupId	<b>Timestamp</b>	Optimistic
<b>Template Name</b>	DemoSupplier	<b>Distinct</b>	No
<b>Use form</b>	Yes	<b>Copy enabled</b>	Yes
<b>Icon code</b>	img/color/building	<b>Data export</b>	All
<b>View mode</b>	Tabbed	<b>Bulk update</b>	Yes
		<b>Bulk delete</b>	Yes
		<b>Data history</b>	Change log
		<b>Printable</b>	Yes
		<b>Follow links</b>	Yes
		<b>Mergeable</b>	No
		<b>Social post</b>	Popup
		<b>Tray menu</b>	Yes
		<b>Dashboard</b>	States menu
		<b>Permalink</b>	/suppliers-[USERKEY]

### 2.8.1. Object translation

Object	Lan	Translation	Module Name
Business object: DemoSupplier	ENU	Supplier	Demo
<b>Plural translation</b>	Suppliers		

Object	Lan	Translation	Module Name
Business object: DemoSupplier	FRA	Fournisseur	Demo
<b>Plural translation</b>	Fournisseurs		

### 2.8.2. Function

Code	Object Code	Function	Action Name	View Name
DEMO_SUP_CRUD	DemoSupplier	CMS		
DEMO_SUP_R	DemoSupplier	L		

### 2.8.3. Object field



Name	Trans.	Order	Sort	Zone	Object	Reference
demoSupCode	ENU : Code FRA : Code	100	1	DemoSupplier-1		
demoSupName	ENU : Name FRA : Nom	110		DemoSupplier-1		
demoSupDescription	ENU : Description FRA : Description	120		DemoSupplier-1		
demoSupPhone	ENU : Phone FRA : Téléphone	130		DemoSupplier-1		
demoSupFax	ENU : Fax FRA : Fax	140		DemoSupplier-1		
demoSupWebsite	ENU : Website FRA : Site web	150		DemoSupplier-1		
demoSupEmail	ENU : Email FRA : E-mail	160		DemoSupplier-1		
demoSupLogo	ENU : Logo FRA : Logo	200		DemoSupplier-2		
demoSupUsrId	ENU : Responsible user FRA : Utilisateur responsable	300		DemoSupplier-3	User	Null
usr_login	ENU : Login FRA : Login	310		DemoSupplier-3	User	demoSupUsrId
demoSupComments	ENU : Comments FRA : Commentaires	320		DemoSupplier-3		

#### 2.8.4. Field

Name	Required	Update	Key	Search	More form	More list	Type	Column	Visible	Default value
demoSupCode	X	X	X	X			REGEXP(50) CODE	sup_code	Yes	
demoSupName	X	X		X			CHAR(100)	sup_name	Yes	
demoSupDescription		X			X	X	HTML(1000000)	sup_description	Form	
demoSupPhone		X		X			PHONE(20)	sup_phone	Form	
demoSupFax		X		X			PHONE(20)	sup_fax	Form	
demoSupWebsite		X					URL(100)	sup_website	Yes	
demoSupEmail		X		X			EMAIL(20)	sup_email	Form	
demoSupLogo		X					IMAGE	sup_logo	Yes	
demoSupUsrId		X		X			ID	sup_usr_id	Yes	[USERID]
usr_login	X	X	X	X			REGEXP(100) LOGIN	usr_login	Yes	
demoSupComments		X					NOTEPAD(50000)	sup_comments	Form	

#### 2.9. External object: DemoCarousel

Property	Value
URL	
Help	
Translation	ENU: Featured products FRA: Produits en vedette
Function	



## 2.10. External object: DemoCatalog

Property	Value
URL	
Help	
Translation	ENU: Available products FRA: Produits disponibles
Function	

## 2.11. External object: DemoCatalogAPI

Property	Value
URL	
Help	
Translation	ENU: Catalog API FRA: API catalogue
Function	

### 2.11.1. Script extobject

#### code

```
package com.simplicite.extobjects.Demo;

import java.util.List;

import org.json.JSONArray;
import org.json.JSONObject;

import com.simplicite.util.ObjectDB;
import com.simplicite.util.Tool;
import com.simplicite.util.exceptions.HTTPException;
import com.simplicite.util.tools.Parameters;
import com.simplicite.util.annotations.RESTService;
import com.simplicite.util.annotations.RESTServiceParam;
import com.simplicite.util.annotations.RESTServiceOperation;

/**
 * Product catalog custom API
 */
@RESTService(title = "catalog", desc = "Product catalog API", auth = false)
public class DemoCatalogAPI extends com.simplicite.webapp.services.RESTServiceExternalObject {
    private static final long serialVersionUID = 1L;

    /**
     * Product catalog service.
     * @param ref Product reference
     * @return JSON array of products
     */
    @RESTServiceOperation(method = "get", desc = "Available products")
    public JSONObject catalog(
        @RESTServiceParam(name = "ref", desc = "Product reference", required = false)
        String ref
    ) {
        JSONArray res = new JSONArray();

        ObjectDB prd = getGrant().getTmpObject("DemoProduct");
        prd.resetFilters();
        prd.getField("demoPrdAvailable").setFilter(Tool.TRUE);
        if (!Tool.isEmpty(ref))
            prd.getField("demoPrdReference").setFilter(ref);

        List<String[]> rows = prd.search();
        for (int i = 0; i < rows.size(); i++) {
            prd.setValues(rows.get(i), false);

            res.put(new JSONObject()
                .put("ref", prd.getFieldValue("demoPrdReference"))
                .put("name", prd.getFieldValue("demoPrdName"))
            );
        }

        return new JSONObject().put("count", res.length()).put("products", res);
    }

    @Override
    public Object get(Parameters params) throws HTTPException {
        if (params.getParameter("openapi") != null)
            return openapi();
        return catalog(params.getParameter("ref"));
    }
}
```

**code**

```
}  
}
```

**2.12. External object: DemoCounters**

Property	Value
URL	
Help	
Translation	ENU: Counters FRA: Compteurs
Function	

**2.13. External object: DemoNews**

Property	Value
URL	
Help	
Translation	ENU: News FRA: Informations
Function	

**2.14. External object: DemoOrderAgenda**

Property	Value
URL	
Help	
Translation	ENU: Deliveries schedule FRA: Calendrier des livraisons
Function	

**2.15. External object: DemoPlaceNewOrder**

Property	Value
URL	
Help	
Translation	ENU: Place a new order page FRA: Page nouvelle commande
Function	

**2.16. External object: DemoSupplierStats**

Property	Value
URL	
Help	
Translation	ENU: Order statistics FRA: Statistiques de commandes
Function	

**2.16.1. Script extobject****code**

```
package com.simplicite.extobjects.Demo;
```

**code**

```
import java.util.List;

import org.json.JSONArray;
import org.json.JSONObject;

import com.simplicite.util.AppLog;
import com.simplicite.util.ObjectDB;
import com.simplicite.util.tools.Parameters;

public class DemoSupplierStats extends com.simplicite.webapp.web.widgets.ChartjsExternalObject {
    private static final long serialVersionUID = 1L;

    @Override
    public JSONObject data(Parameters params) {
        JSONArray labels = new JSONArray();
        JSONArray counts = new JSONArray();
        JSONArray quantities = new JSONArray();
        JSONArray datasets = new JSONArray()
            .put(new JSONObject().put("label", getGrant().T("DEMO_SUPPLIER_STATS_COUNT")).put("data", counts).put("backgroundColor",
COLORS[0]))
            .put(new JSONObject().put("label", getGrant().T("DEMO_SUPPLIER_STATS_QUANTITIES")).put("data",
quantities).put("backgroundColor", COLORS[1]));

        try {
            ObjectDB prd = getGrant().getTmpObject("DemoProduct");
            String supId = params.getParameter("row_id");

            ObjectDB ord = getGrant().getTmpObject("DemoOrder");

            List<String[]> ps = prd.getTool().search(new JSONObject().put("demoPrdSupId", supId));
            for (String[] p : ps) {
                labels.put(prd.getFieldValue("demoPrdReference", p) + " (" + prd.getFieldValue("demoPrdName", p) + ")");

                JSONObject filter = new JSONObject().put("demoOrdPrdId", prd.getRowId(p)).put("demoOrdStatus", "D");
                counts.put((double)ord.getTool().count(filter));
                quantities.put(ord.getTool().sum("demoOrdQuantity", filter));
            }
        } catch (Exception e) {
            AppLog.error("Unable to process product stats", e, getGrant());
        }

        return new JSONObject().put("labels", labels).put("datasets", datasets);
    }
}
```



### 3. Users and rights

#### 3.1. Group

Name	Type	Parent group	Home page
DEMO_ADMIN	G;D;W;R		DemoAdminHome
DEMO_PUBLIC	G		
DEMO_USER	G;D;W;R		DemoUserHome
DEMO_WEBSITE	G		

GROUP\_TYPE:  
- G: Business object permission  
- D: Document permission  
- W: Workflow permission  
- R: Service to register  
- N: Notification  
- B: Dashboards sharing

#### 3.2. Profile

Profile	Group
ADMIN	DEMO_ADMIN
DEMO_ADMIN	MODELER
DEMO_ADMIN	SOCIAL_USER
DEMO_ADMIN	USER_PASSWORD
DEMO_ADMIN	WEB_USER
DEMO_USER	SOCIAL_USER
DEMO_USER	USER_PASSWORD
DEMO_USER	WEB_USER
DESIGNER	DEMO_ADMIN

#### 3.3. Responsibility

User Login	Group Name	Effective date	End date	E
admin	DEMO_ADMIN	01/01/2000		Yes
admin	USER_ADMIN	01/01/2000		No
designer	DEMO_ADMIN	02/10/2015		Yes
public	DEMO_PUBLIC	01/01/2020		Yes
user_enu	DEMO_USER	01/01/2000		Yes
user_fra	DEMO_USER	01/01/2000		Yes
website	DEMO_WEBSITE	10/17/2014		Yes

#### 3.4. User

Login	Language
admin	FRA



Picture



<b>Status</b>	1
<b>Name</b>	SMITH
<b>First name</b>	Barbara
<b>Email</b>	demo@simplicite.fr
<b>Home page</b>	DemoAdminHome
<b>Last logon</b>	02/09/2026 13:02:21

Login		Language
user_enu		FRA



Picture



<b>Status</b>	1
<b>Name</b>	MARTIN
<b>First name</b>	Allison
<b>Email</b>	demo@simplicite.fr
<b>Home page</b>	DemoUserHome
<b>Last logon</b>	05/21/2025 18:36:56

<b>Login</b>	<b>Language</b>
user_fra	FRA



<b>Status</b>	1
<b>Name</b>	DUPONT
<b>First name</b>	Pierre
<b>Email</b>	demo@simplicite.fr
<b>Home page</b>	DemoUserHome
<b>Last logon</b>	09/29/2025 17:53:07

<b>Login</b>	<b>Language</b>
website	ENU



<b>Picture</b>		
<b>Status</b>	3	
<b>Name</b>	Website	
<b>Last logon</b>	04/20/2026 13:03:39	

<b>LANG:</b> - ENU: English - FRA: French	<b>USER_STATUS:</b> - 0: Disabled - 1: Enabled - 2: Pending - 3: Web services only	<b>USR_MFA_METHOD:</b> - EMAIL: E-mail - SMS: SMS - TOTP: Time-based code - CUSTOM: Custom
---	--	--

### 3.5. Grant

Group Name	Name	Object	Action	Funct	E
DEMO_ADMIN	DEMO_CLI_CRUD	DemoClient		CMS	Yes
DEMO_ADMIN	DEMO_CLI_MAP_A	DemoClient	DEMO_CLIENTMAP	A	Yes
DEMO_ADMIN	DEMO_CTC_CRUD	DemoContact		CMS	Yes
DEMO_ADMIN	DEMO_CTCH_R	DemoContactHistoric		L	Yes
DEMO_ADMIN	DEMO_ORD_CRUD	DemoOrder		CMS	Yes
DEMO_ADMIN	DEMO_ORDH_R	DemoOrderHistoric		L	Yes
DEMO_ADMIN	DEMO_PRD_CRUD	DemoProduct		CMS	Yes
DEMO_ADMIN	DEMO_PRD_DEC_A	DemoProduct	DEMO_DECSTOCK	A	Yes
DEMO_ADMIN	DEMO_PRD_EMAIL_A	DemoProduct	DEMO_PRD_EMAIL	A	Yes
DEMO_ADMIN	DEMO_PRD_INC_A	DemoProduct	DEMO_INCSTOCK	A	Yes
DEMO_ADMIN	DEMO_PRDH_R	DemoProductHistoric		L	Yes



DEMO_ADMIN	DEMO_SUP_CRUD	DemoSupplier		C M S	Y e s
DEMO_ADMIN	RedoLog-R	RedoLog		L	Y e s
DEMO_ADMIN	UserFilters-CUD	UserFilters		C M S	Y e s
DEMO_ADMIN	UserFilters-Month-A	UserFilters	UserFilter-Month	A	Y e s
DEMO_ADMIN	UserFilters-Today-A	UserFilters	UserFilter-Today	A	Y e s
DEMO_ADMIN	UserFilters-Year-A	UserFilters	UserFilter-Year	A	Y e s
DEMO_ADMIN	WebNews-L	WebNews		L	Y e s
DEMO_PUBLIC	DEMO_PRD_R	DemoProduct		L	Y e s
DEMO_PUBLIC	DEMO_SUP_R	DemoSupplier		L	Y e s
DEMO_USER	DEMO_CLI_CRU	DemoClient		C M	Y e s
DEMO_USER	DEMO_CLI_MAP_A	DemoClient	DEMO_CLIENTMAP	A	Y e s
DEMO_USER	DEMO_CTC_CRU	DemoContact		C M	Y e s
DEMO_USER	DEMO_CTCH_R	DemoContactHistoric		L	Y e s
DEMO_USER	DEMO_ORD_CRU	DemoOrder		C M	Y e s
DEMO_USER	DEMO_ORDH_R	DemoOrderHistoric		L	Y e s
DEMO_USER	DEMO_PRD_R	DemoProduct		L	Y e s
DEMO_USER	DEMO_SUP_R	DemoSupplier		L	Y e s
DEMO_USER	UserFilters-CUD	UserFilters		C M S	Y e s
DEMO_USER	UserFilters-Month-A	UserFilters	UserFilter-Month	A	Y e s



DEMO_USER	UserFilters-Today-A	UserFilters	UserFilter-Today	A	Y e s
DEMO_USER	UserFilters-Year-A	UserFilters	UserFilter-Year	A	Y e s
DEMO_USER	WebNews-L	WebNews		L	Y e s
DEMO_WEBSITE	DEMO_CLI_R	DemoClient		L	Y e s
DEMO_WEBSITE	DEMO_CTC_CRU	DemoContact		C M	Y e s
DEMO_WEBSITE	DEMO_ORD_CRU	DemoOrder		C M	Y e s
DEMO_WEBSITE	DEMO_PRD_R	DemoProduct		L	Y e s
DEMO_WEBSITE	DEMO_SUP_R	DemoSupplier		L	Y e s
DEMO_WEBSITE	WebNews-L	WebNews		L	Y e s

**FUNCTION:**

- L: Read only
- C: Read and create
- M: Read and update
- S: Read and delete
- CM: Read, create and update
- CS: Read, create and delete
- MS: Read, update and delete
- CMS: Read, create, update and delete
- A: Action
- V: View

### 3.6. Function

Code	Object Code	Func t	Action Name	View Name
DEMO_CLI_CRU	DemoClient	C M		
DEMO_CLI_CRUD	DemoClient	C M S		
DEMO_CLI_MAP_A	DemoClient	A	DEMO_CLIENTMAP	
DEMO_CLI_R	DemoClient	L		
DEMO_CTC_CRU	DemoContact	C M		
DEMO_CTC_CRUD	DemoContact	C M S		



DEMO_CTCH_R	DemoContactHistoric	L		
DEMO_ORD_CRU	DemoOrder	C M		
DEMO_ORD_CRUD	DemoOrder	C M S		
DEMO_ORDH_R	DemoOrderHistoric	L		
DEMO_PRD_CRUD	DemoProduct	C M S		
DEMO_PRD_DEC_A	DemoProduct	A	DEMO_DECSTOCK	
DEMO_PRD_EMAIL_A	DemoProduct	A	DEMO_PRD_EMAIL	
DEMO_PRD_INC_A	DemoProduct	A	DEMO_INCSTOCK	
DEMO_PRD_R	DemoProduct	L		
DEMO_PRDH_R	DemoProductHistoric	L		
DEMO_SUP_CRUD	DemoSupplier	C M S		
DEMO_SUP_R	DemoSupplier	L		

**FUNCTION:**

- L: Read only
- C: Read and create
- M: Read and update
- S: Read and delete
- CM: Read, create and update
- CS: Read, create and delete
- MS: Read, update and delete
- CMS: Read, create, update and delete
- A: Action
- V: View

### 3.7. Permission

Primary group	Target object	V	Property	Overridden value
DEMO_ADMIN	Constraint: DemoContact-C2	Y es		
DEMO_ADMIN	Constraint: DemoOrder-C2	Y es		
DEMO_ADMIN	Pivot table: DemoOrder-TC1	Y es		
DEMO_ADMIN	Pivot table: DemoOrder-TC2	Y es		
DEMO_ADMIN	Pivot table: DemoOrder-TC3	Y es		
DEMO_ADMIN	Pivot table: DemoOrder-TC4	Y es		
DEMO_ADMIN	Domain: DemoDomain	Y es		
DEMO_ADMIN	Model template: DemoModel	Y es		
DEMO_ADMIN	External object: DemoCatalogAPI	Y es		



DEMO_ADMIN	External object: DemoCounters	Y es		
DEMO_ADMIN	External object: DemoOrderAgenda	Y es		
DEMO_ADMIN	External object: DemoPlaceNewOrder	Y es		
DEMO_ADMIN	External object: DemoCarousel	Y es		
DEMO_ADMIN	External object: DemoNews	Y es		
DEMO_ADMIN	External object: DemoCatalog	Y es		
DEMO_ADMIN	External object: DemoSupplierStats	Y es		
DEMO_ADMIN	Publication: DemoProduct- Brochure *	Y es		
DEMO_ADMIN	Publication: DemoOrder-XML *	Y es		
DEMO_ADMIN	Shortcut: DemoProductNew	Y es		
DEMO_ADMIN	Shortcut: DemoClientNew	Y es		
DEMO_ADMIN	Shortcut: DemoOrderNew	Y es		
DEMO_ADMIN	Shortcut: DemoDoc	Y es		
DEMO_PUBLIC	External object: DemoCatalogAPI	Y es		
DEMO_USER	Constraint: DemoOrder-C7	Y es		
DEMO_USER	Pivot table: DemoOrder-TC1	Y es		
DEMO_USER	Pivot table: DemoOrder-TC2	Y es		
DEMO_USER	Pivot table: DemoOrder-TC3	Y es		
DEMO_USER	Pivot table: DemoOrder-TC4	Y es		
DEMO_USER	Domain: DemoDomain	Y es		
DEMO_USER	External object: DemoCounters	Y es		
DEMO_USER	External object: DemoOrderAgenda	Y es		
DEMO_USER	External object: DemoPlaceNewOrder	Y es		
DEMO_USER	External object: DemoCarousel	Y es		
DEMO_USER	External object: DemoNews	Y es		
DEMO_USER	External object: DemoCatalog	Y es		



DEMO_USER	External object: DemoSupplierStats	Y es		
DEMO_USER	Shortcut: DemoClientNew	Y es		
DEMO_USER	Shortcut: DemoOrderNew	Y es		
DEMO_WEBSITE	External object: DemoCatalogAPI	Y es		



## 4. Business objects

### 4.1. System parameter

Code	
DEMO_PRD_LOWSTOCK_PERIOD	
<b>Server-side event?</b>	No
<b>Value</b>	
90	

Code	
DEMO_PRD_LOWSTOCK_THRESHOLD	
<b>Server-side event?</b>	No
<b>Value</b>	
10	

Code	
DEMO_VAT	
<b>Server-side event?</b>	No
<b>Value</b>	
20.0	

SYS_TYPE: - APP: Application - LFL: Look & Feel - LOG: Logger - EMO: Easy mode - PRV: Private - RUN: Runtime
--

### 4.2. Domain

Code	
DemoDomain	
<b>Home page</b>	DemoHome
<b>Hide the home page</b>	No
<b>Icon</b>	demo
<b>Order</b>	70000

Code	
DemoSubDomain	
<b>Hide the home page</b>	Yes
<b>Icon</b>	demo
<b>Order</b>	71000
<b>Parent domain</b>	DemoDomain



### 4.3. Domain translation

Object	Lan	Translation
Domain: DemoDomain	ENU	Demo
Domain: DemoDomain	FRA	Démo
Domain: DemoSubDomain	ENU	Others
Domain: DemoSubDomain	FRA	Autres

### 4.4. Action

Name	T	Asynchronou s?	With confirmation	Exe
DEMO_CLIENTMAP	O	0	No	FRT
<b>URL</b>	javascript:obj.map()			
<b>Plus menu</b>	No			
<b>Image</b>	img/color/map			

Name	T	Asynchronou s?	With confirmation	Exe
DEMO_CTC_STATUS-CLOSE	F	0	No	NUL
<b>Plus menu</b>	No			
<b>Image</b>	fas/check-circle			

Name	T	Asynchronou s?	With confirmation	Exe
DEMO_CTC_STATUS-PROCESS	F	0	No	NUL
<b>Plus menu</b>	No			
<b>Image</b>	fas/play-circle			

Name	T	Asynchronou s?	With confirmation	Exe
DEMO_DECSTOCK	H	0	No	BCK
<b>Method</b>	decreaseStock			
<b>Plus menu</b>	No			
<b>Order</b>	2			
<b>Image</b>	fas/minus			

Name	T	Asynchronou s?	With confirmation	Exe
DEMO_INCSTOCK	O	0	Yes	BCK
<b>Method</b>	increaseStock			
<b>Plus menu</b>	No			
<b>Order</b>	1			
<b>Image</b>	fas/plus			



Name		T	Asynchronou s?	With confirmation	Exe
DEMO_ORD_STATUS-CANCEL		O	0	Yes	NUL
Plus menu	No				
Order	2				
Image	icon/color/btn_red				

Name		T	Asynchronou s?	With confirmation	Exe
DEMO_ORD_STATUS-DELIVER		O	0	No	NUL
Plus menu	No				
Order	3				
Image	icon/color/btn_green				

Name		T	Asynchronou s?	With confirmation	Exe
DEMO_ORD_STATUS-VALIDATE		O	0	No	NUL
Plus menu	No				
Order	1				
Image	icon/color/btn_orange				

Name		T	Asynchronou s?	With confirmation	Exe
DEMO_PRD_EMAIL		O	0	No	BCK
Method	sendEmail				
Plus menu	Yes				
Order	3				
Image	fas/envelope				

<b>ACT_TYPE:</b> - L: List - F: Form + Rows - A: List + Rows + Form - O: Form - I: Rows - B: List + Form - H: Hidden	<b>ASYNC_MODE:</b> - 0: Synchronous - 1: Asynchronous - 2: Standalone asynchronous - 3: Isolated session	<b>ACT_EXEC:</b> - FRT: Front - BCK: Back - NUL: None
---	--	--

#### 4.5. Action translation

Object	Lan	Translation
Action: DEMO_CLIENTMAP	ENU	Locate on a map
Action: DEMO_CLIENTMAP	FRA	Localiser sur une carte
Action: DEMO_CTC_STATUS-PROCESS	ENU	To be processed
Action: DEMO_CTC_STATUS-PROCESS	FRA	À traiter
Action: DEMO_CTC_STATUS-CLOSE	ENU	Close



Action: DEMO_CTC_STATUS-CLOSE	FRA	Clore
Action: DEMO_DECSTOCK	ENU	Decrease stock
Action: DEMO_DECSTOCK	FRA	Diminuer le stock
Action: DEMO_ORD_STATUS-CANCEL	ENU	Cancel
Action: DEMO_ORD_STATUS-CANCEL	FRA	Annuler
Action: DEMO_INCSTOCK	ENU	Increase stock
Action: DEMO_INCSTOCK	FRA	Augmenter le stock
Action: DEMO_ORD_STATUS-VALIDATE	ENU	Validate
Action: DEMO_ORD_STATUS-VALIDATE	FRA	Valider
Action: DEMO_ORD_STATUS-DELIVER	ENU	Ship
Action: DEMO_ORD_STATUS-DELIVER	FRA	Envoyer
Action: DEMO_PRD_EMAIL	ENU	Send by email
Action: DEMO_PRD_EMAIL	FRA	Envoyer par mail

#### 4.6. Link

Linked object (panel)		Reference	Cardinalit	V	X	C
DemoOrder		demoOrdClild	0,n	Yes	Yes	No
<b>Main object</b>	DemoClient					
<b>Link order</b>	10					
<b>Deletion</b>	C					

Linked object (panel)		Reference	Cardinalit	V	X	C
DemoContact		demoCtcClild	0,n	Yes	Yes	No
<b>Main object</b>	DemoClient					
<b>Link order</b>	20					
<b>Deletion</b>	C					

Linked object (panel)		Reference	Cardinalit	V	X	C
DemoContactHistoric		row_ref_id	0,n	Yes	No	No
<b>Main object</b>	DemoContact					
<b>Link order</b>	99990					
<b>Deletion</b>	C					

Linked object (panel)		Reference	Cardinalit	V	X	C
DemoContact		demoCtcOrdld	0,n	Yes	Yes	No
<b>Main object</b>	DemoOrder					
<b>Link order</b>	10					
<b>Deletion</b>	C					



Linked object (panel)		Reference	Cardin alit	V	X	C
DemoOrderHistoric		row_ref_id	0,n	Yes	No	No
<b>Main object</b>	DemoOrder					
<b>Link order</b>	99990					
<b>Deletion</b>	C					

Linked object (panel)		Reference	Cardin alit	V	X	C
DemoOrder		demoOrdPrdId	0,n	No	Yes	No
<b>Main object</b>	DemoProduct					
<b>Link order</b>	10					
<b>Deletion</b>	C					

Linked object (panel)		Reference	Cardin alit	V	X	C
DemoProductHistoric		row_ref_id	0,n	Yes	No	No
<b>Main object</b>	DemoProduct					
<b>Link order</b>	99990					
<b>Deletion</b>	C					

Linked object (panel)		Reference	Cardin alit	V	X	C
UserFilters		uft_demoSupId	0,n	No	No	No
<b>Main object</b>	DemoSupplier					
<b>Deletion</b>	Z					

Linked object (panel)		Reference	Cardin alit	V	X	C
DemoProduct		demoPrdSupId	0,n	Yes	Yes	No
<b>Main object</b>	DemoSupplier					
<b>Link order</b>	10					
<b>Deletion</b>	C					

Linked object (panel)		Reference	Cardin alit	V	X	C
DemoSupplier		demoSupUsrId	0,n	Yes	Yes	No
<b>Main object</b>	User					
<b>Link order</b>	1000					
<b>Deletion</b>	N					

DEL\_CASCADE:  
- R: Impossible if referred  
- N: Unset the reference  
- C: Cascade delete  
- Z: Do not use



#### 4.7. Static text

List	Code	Lan	Order
TEXT	DEMO_ADMIN	ANY	1
<b>Value</b>			
Administrator			

List	Code	Lan	Order
TEXT	DEMO_ERR	ANY	1
<b>Event Code</b>	DEMO_ERR		
<b>Value</b>			
Demo error: [1]			

List	Code	Lan	Order
TEXT	DEMO_INFO	ANY	1
<b>Event Code</b>	DEMO_INFO		
<b>Value</b>			
Demo info: [1]			

List	Code	Lan	Order
TEXT	DEMO_USER	ANY	1
<b>Value</b>			
User			

List	Code	Lan	Order
TEXT	DEMO_WARN	ANY	1
<b>Event Code</b>	DEMO_WARN		
<b>Value</b>			
Demo warning: [1]			

List	Code	Lan	Order
TEXT	DEMO_ORDER_NUMBER	ENU	1
<b>Value</b>			
Order #			

List	Code	Lan	Order
TEXT	DEMO_PRD_ERR_DECREMENT	ENU	1
<b>Value</b>			
Value for decrement is not valid			

List	Code	Lan	Order
TEXT	DEMO_PRD_ERR_INCREMENT	ENU	1

**Value**

Value for increment is not valid

List	Code	Lan	Order
TEXT	DEMO_PRD_STOCK_DECREASED	ENU	1

**Value**

Stock has been decreased to

List	Code	Lan	Order
TEXT	DEMO_PRD_STOCK_INCREASED	ENU	1

**Value**

Stock has been increased to

List	Code	Lan	Order
TEXT	DEMO_RECEIPT	ENU	1

**Value**

Receipt

List	Code	Lan	Order
TEXT	DEMO_SUPPLIER_STATS_COUNT	ENU	1

**Value**

Number of delivered orders

List	Code	Lan	Order
TEXT	DEMO_SUPPLIER_STATS_QUANTITIES	ENU	1

**Value**

Quantities delivered

List	Code	Lan	Order
TEXT	DEMO_TREEVIEW	ENU	1

**Value**

Demo

List	Code	Lan	Order
TEXT	ERR_DEMO_INVALID_PHONE_NUMBER	ENU	1

**Value**

This phone number is not valid

List	Code	Lan	Order
TEXT	ERR_DEMO_ORD_QUANTITY	ENU	1

**Value**

Quantity must be higher than zero



List	Code	Lan	Order
TEXT	ERR_DEMO_PRD_LOWSTOCK	ENU	1
<b>Value</b>			
Stock is low			

List	Code	Lan	Order
TEXT	ERR_DEMO_PRD_STOCK	ENU	1
<b>Value</b>			
Stock is not sufficient			

List	Code	Lan	Order
TEXT	DEBUG_UI	FRA	1
<b>Event Code</b>	DCOREUI001		
<b>Value</b>			
User interface debug: [1]			

List	Code	Lan	Order
TEXT	DEMO_ORDER_NUMBER	FRA	1
<b>Value</b>			
Commande N°			

List	Code	Lan	Order
TEXT	DEMO_PRD_ERR_DECREMENT	FRA	1
<b>Value</b>			
La valeur pour le décrémentation n'est pas valide			

List	Code	Lan	Order
TEXT	DEMO_PRD_ERR_INCREMENT	FRA	1
<b>Value</b>			
La valeur pour l'incrément n'est pas valide			

List	Code	Lan	Order
TEXT	DEMO_PRD_STOCK_DECREASED	FRA	1
<b>Value</b>			
Le stock a été diminué à			

List	Code	Lan	Order
TEXT	DEMO_PRD_STOCK_INCREASED	FRA	1
<b>Value</b>			
Le stock a été augmenté à			

List	Code	Lan	Order
TEXT	DEMO_RECEIPT	FRA	1

**Value**

Reçu

List	Code	Lan	Order
TEXT	DEMO_SUPPLIER_STATS_COUNT	FRA	1

**Value**

Nombre de commandes livrées

List	Code	Lan	Order
TEXT	DEMO_SUPPLIER_STATS_QUANTITIES	FRA	1

**Value**

Quantités livrées

List	Code	Lan	Order
TEXT	DEMO_TREEVIEW	FRA	1

**Value**

Démo

List	Code	Lan	Order
TEXT	ERR_DEMO_INVALID_PHONE_NUMBER	FRA	1

**Value**

Ce numéro de téléphone n'est pas valide

List	Code	Lan	Order
TEXT	ERR_DEMO_ORD_QUANTITY	FRA	1

**Value**

La quantité doit être supérieure à zéro

List	Code	Lan	Order
TEXT	ERR_DEMO_PRD_LOWSTOCK	FRA	1

**Value**

Le stock est bas

List	Code	Lan	Order
TEXT	ERR_DEMO_PRD_STOCK	FRA	1

**Value**

Le stock est insuffisant

List	Code	Lan	Order
TEXT	LESS_ROWS	FRA	1

**Value**

Menos líneas

LANG\_ALL:  
- ANY: \*  
- ENU: English



- ENU: English  
- FRA: French

#### 4.8. Translated list value

List	Code	Order	Language	Value
DEMO_CLI_TYPE	T1	1	ENU	External
DEMO_CLI_TYPE	T2	2	ENU	Internal
DEMO_CLI_TYPE	T3	3	ENU	Partner
DEMO_CLI_TYPE	T1	1	FRA	Externe
DEMO_CLI_TYPE	T2	2	FRA	Interne
DEMO_CLI_TYPE	T3	3	FRA	Partenaire
DEMO_COUNTRY	FR	1	ENU	France
DEMO_COUNTRY	UK	2	ENU	United Kingdom
DEMO_COUNTRY	SP	3	ENU	Spain
DEMO_COUNTRY	IT	3	ENU	Italy
DEMO_COUNTRY	FR	1	FRA	France
DEMO_COUNTRY	UK	2	FRA	Royaume Uni
DEMO_COUNTRY	SP	3	FRA	Espagne
DEMO_COUNTRY	IT	3	FRA	Italie
DEMO_CTC_CANAL	PHONE	1	ENU	Phone
DEMO_CTC_CANAL	EMAIL	2	ENU	E-mail
DEMO_CTC_CANAL	CHAT	3	ENU	Chat
DEMO_CTC_CANAL	WEB	4	ENU	Web site
DEMO_CTC_CANAL	PHONE	1	FRA	Téléphone
DEMO_CTC_CANAL	EMAIL	2	FRA	E-mail
DEMO_CTC_CANAL	CHAT	3	FRA	Chat
DEMO_CTC_CANAL	WEB	4	FRA	Site web



DEMO_CTC_STATUS	O	1	EN U	Open
DEMO_CTC_STATUS	P	2	EN U	Processing
DEMO_CTC_STATUS	C	3	EN U	Closed
DEMO_CTC_STATUS	O	1	FR A	Ouvert
DEMO_CTC_STATUS	P	2	FR A	En traitement
DEMO_CTC_STATUS	C	3	FR A	Fermé
DEMO_CTC_SUBTYPE	EMPTY	0	EN U	Empty
DEMO_CTC_SUBTYPE	EMPTY	0	FR A	Vide
DEMO_CTC_SUBTYPE_CMP	ORDISSUE	1	EN U	Order issue
DEMO_CTC_SUBTYPE_CMP	BILLISSUE	2	EN U	Billing issue
DEMO_CTC_SUBTYPE_CMP	ORDISSUE	1	FR A	Problème sur commande
DEMO_CTC_SUBTYPE_CMP	BILLISSUE	2	FR A	Problème facturation
DEMO_CTC_SUBTYPE_INF	ORDSTATUS	1	EN U	Order status
DEMO_CTC_SUBTYPE_INF	PRDINFO	2	EN U	Product information
DEMO_CTC_SUBTYPE_INF	ORDSTATUS	1	FR A	Statut de la commande
DEMO_CTC_SUBTYPE_INF	PRDINFO	2	FR A	Information produit
DEMO_CTC_SUBTYPE_REQ	ORDCANCEL	1	EN U	Order cancelation
DEMO_CTC_SUBTYPE_REQ	ORDCHANGE	2	EN U	Order change
DEMO_CTC_SUBTYPE_REQ	ORDCANCEL	1	FR A	Annulation commande
DEMO_CTC_SUBTYPE_REQ	ORDCHANGE	2	FR A	Modification commande
DEMO_CTC_TYPE	INF	1	EN U	Information
DEMO_CTC_TYPE	REQ	2	EN U	Request
DEMO_CTC_TYPE	CMP	3	EN U	Complaint
DEMO_CTC_TYPE	OTH	4	EN U	Other
DEMO_CTC_TYPE	INF	1	FR A	Information
DEMO_CTC_TYPE	REQ	2	FR A	Demande



DEMO_CTC_TYPE	CMP	3	FR A	Réclamation
DEMO_CTC_TYPE	OTH	4	FR A	Autre
DEMO_ORD_STATUS	P	1	EN U	Pending
DEMO_ORD_STATUS	V	2	EN U	Validated
DEMO_ORD_STATUS	H	2	EN U	On hold
DEMO_ORD_STATUS	D	4	EN U	Shipped
DEMO_ORD_STATUS	C	5	EN U	Cancelled
DEMO_ORD_STATUS	P	1	FR A	En attente
DEMO_ORD_STATUS	H	2	FR A	Reportée
DEMO_ORD_STATUS	V	2	FR A	Validée
DEMO_ORD_STATUS	D	4	FR A	Envoyée
DEMO_ORD_STATUS	C	5	FR A	Annulée
DEMO_PRD_TYPE	LAPTOP	10	EN U	Laptop
DEMO_PRD_TYPE	DESKTOP	20	EN U	Desktop
DEMO_PRD_TYPE	TABLET	30	EN U	Tablet
DEMO_PRD_TYPE	SMARTPHONE	40	EN U	Smartphone
DEMO_PRD_TYPE	OTHER	50	EN U	Other
DEMO_PRD_TYPE	LAPTOP	10	FR A	PC portable
DEMO_PRD_TYPE	DESKTOP	20	FR A	PC de bureau
DEMO_PRD_TYPE	TABLET	30	FR A	Tablette
DEMO_PRD_TYPE	SMARTPHONE	40	FR A	Smartphone
DEMO_PRD_TYPE	OTHER	50	FR A	Autre

#### 4.9. Linked list

Object	List field	Order	List of values	List code	Selected code Description	Linked field	Order	Linked list
DemoContact	demoCtcType	110	DEMO_CTC_TYPE	REQ	Request	demoCtcSubType	120	DEMO_CTC_SUBTYPE_REQ



DemoContact	demoCtcType	110	DEMO_CTC_TYPE	INF	Information	demoCtcSubType	120	DEMO_CTC_SUBTYPE_INF
DemoContact	demoCtcType	110	DEMO_CTC_TYPE	CMP	Complaint	demoCtcSubType	120	DEMO_CTC_SUBTYPE_CMP

## 4.10. Constraint

Name	Object Code	Order	T	Effects
DemoContact-C1	DemoContact	10	E	B
<b>Description</b>				
Fields not updatable by default				
<b>Expression</b>				
true				

Name	Object Code	Order	T	Effects
DemoContact-C2	DemoContact	20	E	B
<b>Description</b>				
Status field only updatable by the administrator				
<b>Expression</b>				
![[ISNEW]]				

Name	Object Code	Order	T	Effects
DemoContact-C3	DemoContact	30	E	B
<b>Description</b>				
Fields updatable at creation				
<b>Expression</b>				
[[ISNEW]]				

Name	Object Code	Order	T	Effects
DemoContact-C4	DemoContact	30	E	F;B
<b>Description</b>				
Show/hide sub-type depending on type				
<b>Expression</b>				
true				

Name	Object Code	Order	T	Effects
DemoContact-C5	DemoContact	50	E	F

**Description**

Allow order selection **\*\*after\*\*** customer selection

**Expression**

true

Name	Object Code	Order	T	Effects
DemoOrder-C1	DemoOrder	10	E	B

**Description**

Fields not updatable by default

**Expression**

true

Name	Object Code	Order	T	Effects
DemoOrder-C2	DemoOrder	20	E	B

**Description**

Status field only updatable by the administrator

**Expression**

true

Name	Object Code	Order	T	Effects
DemoOrder-C3	DemoOrder	30	E	B

**Description**

Customer, product and quantity fields updatable at creation or when the order is still in pending state

**Expression**

[ISNEW] || [STATUS] == "P"

Name	Object Code	Order	T	Effects
DemoOrder-C4	DemoOrder	40	E	B

**Description**

Delivery date field only updatable when the order is not delivered nor cancelled

**Expression**

![ISNEW] && [STATUS] != "C"

Name	Object Code	Order	T	Effects
DemoOrder-C5	DemoOrder	50	E	B

**Description**

Delivery order field mandatory at validation

**Expression**

[STATUS] == "V"

Name	Object Code	Order	T	Effects
DemoOrder-C6	DemoOrder	60	E	B

**Description**

Allow order deleteion only in pending state

**Expression**

true

Name	Object Code	Order	T	Effects
DemoOrder-C7	DemoOrder	70	E	B

**Description**

Update order only if administrator or if responsible of the product's supplier

**Expression**

true

FIELD_CONST_TYPE: - F: Field - E: Expression - M: Method	CONST_EFFECT: - S: Static - F: Front-end - B: Back-end
---	---

#### 4.11. Shared code

Name		Typ
DemoCommon		JSR
Source code	DemoCommon.java	

Name		Typ
DemoRandomDataGeneration		TST
Source code	DemoRandomDataGeneration.java	

Name		Typ
DemoTests		TST
Source code	DemoTests.java	


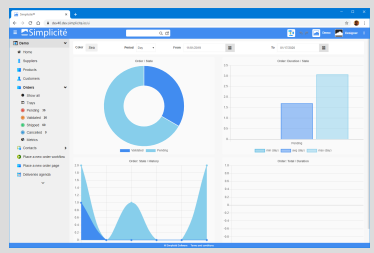

SCRIPT_TYPE: - JSR: Server code - TST: Server code (unit tests) - LIB: Java Library - SQL: Script SQL - XML: XML patch - OTH: Other
---





## 5. User interface

### 5.1. Resource

Disposition: default	ICO	ANY	demo	Yes		
Disposition: default	IMG	ANY	demo-module	No		demo-module.svg
Disposition: default	IMG	ANY	demo-module-screenshot	No		
Disposition: default	IMG	ANY	DEMO_PRINT_LOGO	Yes		

<b>RESOURCE_TYPE:</b> - IMG: Image - CSS: Style CSS - ICO: Object icon - JS: Javascript - HTML: HTML - MD: Markdown - PDF: PDF - SET: File set - FONT: Font - XML: XML - JSON: JSON - OTHER: Other	<b>LANG_ALL:</b> - ANY: * - ENU: English - FRA: French
--	---

### 5.2. Main menu

Domain Code	Object	Order	E
DemoDomain	Business object: DemoSupplier	70000	No
DemoDomain	Business object: DemoProduct	70010	No
DemoDomain	Business object: DemoClient	70020	No
DemoDomain	Business object: DemoOrder	70030	No
DemoDomain	Business object: DemoContact	70040	No
DemoDomain	Business process: DemoOrderCreate	70800	No
DemoDomain	External object: DemoPlaceNewOrder	70910	No



DemoDomain	External object: DemoOrderAgenda	70920	No
DemoDomain	External object: DemoCatalog	70925	Yes
DemoDomain	Business object: RedoLog	70990	Yes

### 5.3. Shortcut

Name	URL	Target	Order	Visibility	Icon	Shorthand
DemoProductNew	[EXPR:HTMLTool.getFormURL("DemoProduct", null, ObjectField.DEFAULT_ROW_ID, null)]	frame_work	100	P;H	img/color/box	
DemoClientNew	[EXPR:HTMLTool.getFormURL("DemoClient", null, ObjectField.DEFAULT_ROW_ID, null)]	frame_work	110	P;H	img/color/view_user	
DemoOrderNew	[EXPR:HTMLTool.getProcessStartURL("DemoOrderCreate")]	frame_work	120	P;H	img/color/documents_folder	
DemoDoc	[EXPR:HTMLPage.getExternalObjectURL("MDViewer", "doc=DEMO")]	_blank	190	P;H	fas/book	

SHC\_VIS:  
 - P: Plus menu  
 - B: Header button  
 - H: Home button

### 5.4. Shortcut translation

Object	Lan	Translation
Shortcut: DemoProductNew	ENU	New product
Shortcut: DemoProductNew	FRA	Nouveau produit
Shortcut: DemoClientNew	ENU	New customer
Shortcut: DemoClientNew	FRA	Nouveau client
Shortcut: DemoOrderNew	ENU	New order
Shortcut: DemoOrderNew	FRA	Nouvelle commande
Shortcut: DemoDoc	ENU	Demo doc
Shortcut: DemoDoc	FRA	Doc démo

### 5.5. Search

Object Code	User Login	Name	P
DemoContact	designer	DemoContact-S1	Yes

#### Filters

```
{"demoCtcStatus": "='O' or ='P'"}
```

Object Code	User Login	Name	P
DemoOrder	designer	DemoOrder-S1	Yes


**Filters**

```
{"demoOrdStatus": "P"}
```

Object Code	User Login	Name	P
DemoOrder	designer	DemoOrder-S2	Yes

**Filters**

```
{"demoOrdStatus": "V"}
```

### 5.6. Search translation

Object	Lan	Translation
Search: DemoOrder designer DemoOrder-S1	ENU	Pending orders
Search: DemoOrder designer DemoOrder-S1	FRA	Commandes en attente
Search: DemoOrder designer DemoOrder-S2	ENU	Validated orders
Search: DemoOrder designer DemoOrder-S2	FRA	Commandes validées
Search: DemoContact designer DemoContact-S1	ENU	Ongoing contacts
Search: DemoContact designer DemoContact-S1	FRA	Contacts en cours

### 5.7. View

Name	T	Order
DemoAdminHome	H	1
<b>Icon code</b>	demo	

Name	T	Order
DemoHome	D	1
<b>Icon code</b>	demo	

Name	T	Order
DemoPublicHome	H	1
<b>Icon code</b>	demo	

Name	T	Order
DemoUserHome	H	1
<b>Icon code</b>	demo	

**VIW\_TYPE:**

- V: Simple view
- O: Object panel
- D: Domain page
- H: Home page
- B: Dashboard

### 5.8. View translation

Object	Lan	Translation
View: DemoUserHome	ENU	Demo (user)



View: DemoUserHome	FRA	Démo (utilisateur)
View: DemoPublicHome	ENU	Démo (public)
View: DemoPublicHome	FRA	Démo (public)
View: DemoHome	ENU	Démo
View: DemoHome	FRA	Démo
View: DemoAdminHome	ENU	Démo (administrateur)
View: DemoAdminHome	FRA	Démo (administrateur)

## 5.9. Template

Name
DemoClient
<b>Front template</b>
<pre>&lt;div&gt;   &lt;div class="row"&gt;     &lt;div class="area col-sm-12" data-area="1"&gt;&lt;/div&gt;   &lt;/div&gt;   &lt;div class="row"&gt;     &lt;div class="area col-sm-12" data-area="2,3,4"&gt;&lt;/div&gt;   &lt;/div&gt; &lt;/div&gt;</pre>

Name
DemoContact
<b>Front template</b>
<pre>&lt;div&gt;   &lt;div class="row"&gt;     &lt;div class="area col-sm-5" data-area="1:="&gt;&lt;/div&gt;     &lt;div class="area col-sm-7" data-area="2,3:="&gt;&lt;/div&gt;   &lt;/div&gt;   &lt;div&gt;     &lt;div class="row"&gt;       &lt;div class="area col-sm-12" data-area="4,DemoContactHistoric;row_ref_id"&gt;&lt;/div&gt;     &lt;/div&gt;   &lt;/div&gt; &lt;/div&gt;</pre>

Name
DemoOrder
<b>Front template</b>
<pre>&lt;div&gt;   &lt;div class="row"&gt;     &lt;div class="col-sm-5"&gt;       &lt;div class="area" data-area="1"&gt;&lt;/div&gt;       &lt;div class="area" data-area="4"&gt;&lt;/div&gt;     &lt;/div&gt;     &lt;div class="col-sm-7"&gt;       &lt;div class="area" data-area="2"&gt;&lt;/div&gt;       &lt;div class="area" data-area="3"&gt;&lt;/div&gt;     &lt;/div&gt;   &lt;/div&gt;   &lt;div class="row"&gt;     &lt;div class="area col-sm-12" data-area="5:-"&gt;&lt;/div&gt;   &lt;/div&gt; &lt;/div&gt;</pre>

Name	
DemoOrderHistoric-row	
<b>Usage context</b>	M;P
<b>Front template</b>	
<pre>&lt;div&gt;   &lt;div class="actions"&gt;&lt;/div&gt;   &lt;div class="row compact"&gt;</pre>	



```
<div class="row compact">
  <div class="col-sm-3">
    <div class="field" data-field="created_dt_hist"></div>
  </div>
  <div class="col-sm-3">
    <div class="field" data-field="created_by_hist"></div>
  </div>
  <div class="col-sm-3">
    <div class="field" data-field="demoOrdStatus"></div>
  </div>
  <div class="col-sm-3">
    <div class="field" data-field="demoOrdQuantity"></div>
  </div>
</div>
</div>
```

### Name

DemoProduct

### Front template

```
<div>
  <div class="row">
    <div class="area col-sm-12" data-area="1"></div>
  </div>
  <div class="row">
    <div class="area col-sm-7" data-area="2"></div>
    <div class="area col-sm-5">
      <div class="row">
        <div class="area col-sm-12 compact" data-area="3"></div>
      </div>
      <div class="row">
        <div class="area col-sm-12" data-area="4"></div>
      </div>
    </div>
  </div>
  <div class="row">
    <div class="area col-sm-12" data-area="5:-"></div>
  </div>
</div>
```

### Name

DemoSupplier

### Front template

```
<div>
  <div class="row">
    <div class="area col-sm-8" data-area="1"></div>
    <div class="area col-sm-4" data-area="2"></div>
  </div>
  <div class="row">
    <div class="col-sm-8">
      <div class="area" data-area="3:-"></div>
    </div>
    <div class="col-sm-4">
      <div class="area" data-area="4:-"></div>
    </div>
  </div>
</div>
```

### TPL\_CONTEXT:

- M: Main list
- P: Panel list
- R: References list
- D: Datamaps list

## 5.10. Fields area

Name	Pos	Icon code
DemoClient-1	1	img/color/view_user
Display title		
Yes		

### Front template

```
<div class="row">
  <div class="col-sm-2">
```



```

<div class="field" data-field="demoCliCode"></div>
</div>
<div class="col-sm-5">
  <div class="field" data-field="demoCliFirstname"></div>
</div>
<div class="col-sm-5">
  <div class="field" data-field="demoCliLastname"></div>
</div>
</div>

```

Name	Pos	Icon code
DemoClient-2	2	img/color/map
Display title		
No		

### Front template

```

<div class="row">
  <div class="col-sm-8">
    <div class="field" data-field="demoCliAddress1"></div>
    <div class="field" data-field="demoCliAddress2"></div>
  </div>
  <div class="col-sm-4">
    <div class="field" data-field="demoCliZipCode"></div>
  </div>
  <div class="col-sm-4">
    <div class="field" data-field="demoCliCity"></div>
  </div>
  <div class="col-sm-4">
    <div class="field" data-field="demoCliCountry"></div>
  </div>
  <div class="field" data-field="demoCliCoords"></div>
</div>
<div class="col-sm-4">
  <div class="action" data-action="DEMO_CLIENTMAP"></div>
  <div id="client-map" style="display: none; min-height: 300px;">
    <iframe frameborder="0" name="gmap" scrolling="no" style="width: 100%; height: 100%;"></iframe>
  </div>
</div>
</div>

```

Name	Pos	Icon code
DemoClient-3	3	img/color/mailbox
Display title		
No		

### Front template

```

<div>
  <div>
    <div class="field" data-field="demoCliEmail"></div>
  </div>
  <div class="row">
    <div class="col-sm-6">
      <div class="field" data-field="demoCliHomePhone"></div>
      <div class="field" data-field="demoCliMobilePhone"></div>
    </div>
    <div class="col-sm-6">
      <div class="field" data-field="demoCliWorkPhone"></div>
      <div class="field" data-field="demoCliFax"></div>
    </div>
  </div>
</div>

```

Name	Pos	Icon code
DemoClient-4	4	img/color/info_squared
Display title		
No		

### Front template

```

<div>
  <div class="field" data-field="demoCliType"></div>
  <div class="field" data-field="demoCliComments"></div>
</div>

```



Name	Pos	Icon code
DemoContact-1	1	img/color/chat
Display title		
Yes		

**Front template**

```
<div>
  <div class="row">
    <div class="col-sm-6">
      <div class="field" data-field="demoCtcDatetime"></div>
    </div>
    <div class="col-sm-6">
      <div class="field" data-field="demoCtcCanal"></div>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-6">
      <div class="field" data-field="demoCtcType"></div>
    </div>
    <div class="col-sm-6">
      <div class="field" data-field="demoCtcSubType"></div>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-8">
      <div class="field" data-field="demoCtcStatus"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcPriority"></div>
    </div>
  </div>
</div>
```

Name	Pos	Icon code
DemoContact-2	2	img/color/view_user
Display title		
No		

**Front template**

```
<div>
  <div class="field" data-field="demoCtcCliId"></div>
  <div class="row">
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcCliId__demoCliCode"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcCliId__demoCliFirstname"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcCliId__demoCliLastname"></div>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-8">
      <div class="field" data-field="demoCtcCliId__demoCliEmail"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcCliId__demoCliMobilePhone"></div>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcCliId__demoCliHomePhone"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcCliId__demoCliWorkPhone"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcCliId__demoCliFax"></div>
    </div>
  </div>
</div>
```

Name	Pos	Icon code
DemoContact-3	3	img/color/documents_folder



Display title

Yes

### Front template

```

<div>
  <div class="field" data-field="demoCtcOrdId"></div>
  <div class="row">
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcOrdId__demoOrdNumber"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcOrdId__demoOrdDate"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcOrdId__demoOrdStatus"></div>
    </div>
  </div>
  <div class="field" data-field="demoCtcOrdId__demoOrdCliId"></div>
  <div class="field" data-field="demoCtcOrdId__demoOrdPrdId"></div>
  <div class="field" data-field="demoCtcOrdId__demoOrdPrdId__demoPrdSupId"></div>
  <div class="field" data-field="demoCtcOrdId__demoOrdPrdId__demoPrdSupId__demoSupUsrId"></div>
  <div class="row">
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcOrdId__demoOrdPrdId__demoPrdReference"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcOrdId__demoOrdPrdId__demoPrdName"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcOrdId__demoOrdQuantity"></div>
    </div>
  </div>
</div>

```

**Name**

**Pos**

**Icon code**

DemoContact-4

4

message

Display title

No

### Front template

```

<div>
  <div class="row">
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcMessages"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcFile"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoCtcPicture"></div>
    </div>
  </div>
  <div class="field" data-field="demoCtcComments"></div>
</div>

```

**Name**

**Pos**

**Icon code**

DemoOrder-1

1

folderitem

Display title

Yes

### Front template

```

<div>
  <div class="row">
    <div class="col-sm-6">
      <div class="field" data-field="demoOrdNumber"></div>
    </div>
    <div class="col-sm-6">
      <div class="field" data-field="demoOrdDate"></div>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-6">
      <div class="field" data-field="demoOrdStatus"></div>
    </div>
    <div class="col-sm-6">
      <div class="field" data-field="demoOrdDeliveryDate"></div>
    </div>
  </div>
</div>

```



```
</div>
</div>
```

Name	Pos	Icon code
DemoOrder-2	2	img/color/view_user
Display title		
Yes		

### Front template

```
<div>
  <div class="field" data-field="demoOrdCliId"></div>
  <div class="row">
    <div class="col-sm-4">
      <div class="field" data-field="demoOrdCliId__demoCliCode"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoOrdCliId__demoCliFirstname"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoOrdCliId__demoCliLastname"></div>
    </div>
  </div>
  <div class="field" data-field="demoOrdCliId__demoCliEmail"></div>
  <div class="row">
    <div class="col-sm-6">
      <div class="field" data-field="demoOrdCliId__demoCliAddress1"></div>
    </div>
    <div class="col-sm-6">
      <div class="field" data-field="demoOrdCliId__demoCliAddress2"></div>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-4">
      <div class="field" data-field="demoOrdCliId__demoCliZipCode"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoOrdCliId__demoCliCity"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoOrdCliId__demoCliCountry"></div>
    </div>
  </div>
</div>
```

Name	Pos	Icon code
DemoOrder-3	3	img/color/box
Display title		
Yes		

### Front template

```
<div>
  <div class="field" data-field="demoOrdPrdId"></div>
  <div class="row">
    <div class="col-sm-5">
      <div class="field" data-field="demoOrdPrdId__demoPrdReference"></div>
    </div>
    <div class="col-sm-7">
      <div class="field" data-field="demoOrdPrdId__demoPrdName"></div>
    </div>
  </div>
  <div class="field" data-field="demoOrdPrdId__demoPrdPicture"></div>
  <div class="field" data-field="demoOrdPrdId__demoPrdEan13"></div>
  <div class="field" data-field="demoOrdPrdId__demoPrdEan13Image"></div>
  <div class="field" data-field="demoOrdPrdId__demoPrdSupId__demoSupLogo"></div>
  <div class="field" data-field="demoOrdPrdId__demoPrdSupId"></div>
  <div class="row">
    <div class="col-sm-5">
      <div class="field" data-field="demoOrdPrdId__demoPrdSupId__demoSupCode"></div>
    </div>
    <div class="col-sm-7">
      <div class="field" data-field="demoOrdPrdId__demoPrdSupId__demoSupName"></div>
    </div>
  </div>
  <div class="field" data-field="demoOrdPrdId__demoPrdSupId__demoSupUsrId"></div>
  <div class="row">
    <div class="col-sm-4">
      <div class="field" data-field="demoOrdPrdId__demoPrdStock"></div>
    </div>
    <div class="col-sm-4">
      <div class="field" data-field="demoOrdPrdId__demoPrdUnitPrice"></div>
    </div>
  </div>
</div>
```



```
<div class="col-sm-4">  
  <div class="field" data-field="demoOrdPrdId_demoPrdType"></div>  
</div>  
</div>  
</div>
```

Name	Pos	Icon code
DemoOrder-4	4	img/color/collectibles
Display title		
Yes		

#### Front template

```
<div>  
  <div class="row">  
    <div class="col-sm-6">  
      <div class="field" data-field="demoOrdUnitPrice"></div>  
    </div>  
    <div class="col-sm-6">  
      <div class="field" data-field="demoOrdQuantity"></div>  
    </div>  
  </div>  
  <div class="row">  
    <div class="col-sm-6">  
      <div class="field" data-field="demoOrdVAT"></div>  
    </div>  
    <div class="col-sm-6">  
      <div class="field" data-field="demoOrdTotal"></div>  
    </div>  
  </div>  
</div>
```

Name	Pos	Icon code
DemoOrder-5	5	img/color/info_squared
Display title		
Yes		

#### Front template

```
<div class="field" data-field="demoOrdComments"></div>
```

Name	Pos	Icon code
DemoProduct-1	1	img/color/building
Display title		
Yes		

#### Front template

```
<div>  
  <div class="field" data-field="demoPrdSupId"></div>  
  <div class="row">  
    <div class="col-sm-5">  
      <div class="field" data-field="demoPrdSupId_demoSupCode"></div>  
    </div>  
    <div class="col-sm-7">  
      <div class="field" data-field="demoPrdSupId_demoSupName"></div>  
    </div>  
  </div>  
  <div class="field" data-field="demoPrdSupId_demoSupLogo"></div>  
  <div class="field" data-field="demoPrdSupId_demoSupUsrId"></div>  
</div>
```

Name	Pos	Icon code
DemoProduct-2	2	img/color/box
Display title		
Yes		

**Front template**

```
<div>
  <div class="row">
    <div class="col-sm-3">
      <div class="field" data-field="demoPrdReference"></div>
    </div>
    <div class="col-sm-6">
      <div class="field" data-field="demoPrdName"></div>
    </div>
    <div class="col-sm-3">
      <div class="field" data-field="demoPrdType"></div>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-7">
      <div class="field" data-field="demoPrdDescription"></div>
    </div>
    <div class="col-sm-5">
      <div class="field" data-field="demoPrdPicture"></div>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-7">
      <div class="field" data-field="demoPrdEan13"></div>
    </div>
    <div class="col-sm-5">
      <div class="field" data-field="demoPrdEan13Image"></div>
    </div>
  </div>
</div>
```

Name	Pos	Icon code
DemoProduct-3	3	img/color/money
Display title		
Yes		

**Front template**

```
<div>
  <div class="row">
    <div class="col-sm-6">
      <div class="field" data-field="demoPrdStock"></div>
    </div>
    <div class="col-sm-6">
      <div class="action" data-action="DEMO_INCSTOCK"></div>
    </div>
  </div>
  <div class="row">
    <div class="col-sm-6">
      <div class="field" data-field="demoPrdUnitPrice"></div>
    </div>
    <div class="col-sm-6">
      <div class="field" data-field="demoPrdFeatured"></div>
      <div class="field" data-field="demoPrdAvailable"></div>
    </div>
  </div>
</div>
```

Name	Pos	Icon code
DemoProduct-4	4	img/color/presentation
Display title		
Yes		

**Front template**

```
<div>
  <div class="field" data-field="demoPrdDocumentation"></div>
  <div class="field" data-field="demoPrdBrochure"></div>
  <div class="field" data-field="demoPrdOnlineDoc"></div>
</div>
```

Name	Pos	Icon code
DemoProduct-5	5	img/color/info_squared
Display title		
Yes		

**Front template**

```
<div class="field" data-field="demoPrdComments"></div>
```

Name	Pos	Icon code
DemoSupplier-1	1	img/color/building
Display title		
Yes		

**Front template**

```
<div>
  <div class="row">
    <div class="col-sm-6">
      <div class="field" data-field="demoSupCode"></div>
    </div>
    <div class="col-sm-6">
      <div class="field" data-field="demoSupName"></div>
    </div>
  </div>
  <div class="field" data-field="demoSupDescription"></div>
  <div class="row">
    <div class="col-sm-6">
      <div class="field" data-field="demoSupPhone"></div>
      <div class="field" data-field="demoSupWebsite"></div>
    </div>
    <div class="col-sm-6">
      <div class="field" data-field="demoSupFax"></div>
      <div class="field" data-field="demoSupEmail"></div>
    </div>
  </div>
</div>
```

Name	Pos	Icon code
DemoSupplier-2	2	img/color/image_file
Display title		
Yes		

**Front template**

```
<div class="field" data-field="demoSupLogo"></div>
```

Name	Pos	Icon code
DemoSupplier-3	3	img/color/info_squared
Display title		
Yes		

**Front template**

```
<div>
  <div class="field" data-field="demoSupUsrId"></div>
  <div class="field" data-field="demoSupUsrId_usr_login"></div>
  <div class="field" data-field="demoSupComments"></div>
</div>
```

Name	Pos	Icon code
DemoSupplier-4	4	bars
Display title		
Yes		

**Front template**

```
<div class="extern" data-embedded="true" data-extern="DemoSupplierStats" data-title="false" style="width: 100%; height: 100%;"></div>
```



## 5.11. Field area translation

Object	Lan	Translation
Fields area: DemoClient-1	ENU	Identification
Fields area: DemoClient-1	FRA	Identification
Fields area: DemoContact-1	ENU	Identification
Fields area: DemoContact-1	FRA	Identification
Fields area: DemoClient-4	ENU	Others
Fields area: DemoClient-4	FRA	Autres
Fields area: DemoClient-3	ENU	Means of contact
Fields area: DemoClient-3	FRA	Moyens de contact
Fields area: DemoContact-4	ENU	Details
Fields area: DemoContact-4	FRA	Détails
Fields area: DemoContact-2	ENU	Customer
Fields area: DemoContact-2	FRA	Client
Fields area: DemoContact-3	ENU	Order
Fields area: DemoContact-3	FRA	Commande
Fields area: DemoClient-2	ENU	Address
Fields area: DemoClient-2	FRA	Adresse
Fields area: DemoOrder-3	ENU	Product
Fields area: DemoOrder-3	FRA	Produit
Fields area: DemoOrder-1	ENU	Identification
Fields area: DemoOrder-1	FRA	Identification
Fields area: DemoOrder-2	ENU	Customer
Fields area: DemoOrder-2	FRA	Client
Fields area: DemoOrder-4	ENU	Order
Fields area: DemoOrder-4	FRA	Commande
Fields area: DemoOrder-5	ENU	Details
Fields area: DemoOrder-5	FRA	Détails
Fields area: DemoProduct-1	ENU	Supplier
Fields area: DemoProduct-1	FRA	Fournisseur
Fields area: DemoProduct-2	ENU	Identification
Fields area: DemoProduct-2	FRA	Identification
Fields area: DemoProduct-4	ENU	Marketing
Fields area: DemoProduct-4	FRA	Marketing
Fields area: DemoProduct-3	ENU	Stock and pricing
Fields area: DemoProduct-3	FRA	Stock et prix
Fields area: DemoProduct-5	ENU	Details
Fields area: DemoProduct-5	FRA	Détails
Fields area: DemoSupplier-1	ENU	Identification



Fields area: DemoSupplier-1	FRA	Identification
Fields area: DemoSupplier-2	ENU	Logo
Fields area: DemoSupplier-2	FRA	Logo
Fields area: DemoSupplier-3	ENU	Others
Fields area: DemoSupplier-3	FRA	Autres
Fields area: DemoSupplier-4	ENU	Order statistics
Fields area: DemoSupplier-4	FRA	Statistiques de commandes

### 5.12. Field style

Object or *	Field or *	Value or *	Min value	Max value	HTML decoration	Icon image
*	demoCtcPriority	0				icon/blank
*	demoCtcPriority	1				icon/tick
DemoProduct	demoPrdAvailable	0				img/color/delete
DemoProduct	demoPrdAvailable	1				img/color/check
DemoProduct	demoPrdFeatured	0				icon/blank
DemoProduct	demoPrdFeatured	1				fas/eye

### 5.13. Publication

Object Code	Code	Usage	V	La n	Translation	Type	Syntax
DemoContact	DemoContact-Excel	L	1	AN Y	Excel publication example	ME TH	DEFAULT
<b>Forced MIME type</b>	xlsx						
<b>Method</b>	printExcel						

Object Code	Code	Usage	V	La n	Translation	Type	Syntax
DemoContact	DemoContact-Mustache	O	1	AN Y	Mustache publication example	ME TH	DEFAULT
<b>Forced MIME type</b>	html						
<b>Method</b>	printMustache						
<b>Template file</b>	DemoContact-Mustache.html						

Object Code	Code	Usage	V	La n	Translation	Type	Syntax
DemoOrder	DemoOrder-Listing	L	1	AN Y	Listing	FILE	DEFAULT
<b>Forced MIME type</b>	html						
<b>Template file</b>	DemoOrder-Listing.html						



Object Code	Code	Usage	V	La n	Translation	Type	Syntax
DemoOrder	DemoOrder-Receipt	O	1	AN Y	Receipt	FILE	DEFAULT
<b>Output file name</b>	Order-[VALUE:demoOrdNumber]						
<b>Forced MIME type</b>	pdf						
<b>Template file</b>	DemoOrder-Receipt.html						

Object Code	Code	Usage	V	La n	Translation	Type	Syntax
DemoOrder	DemoOrder-XML	E	1	AN Y	Custom XML publication	FILE	DEFAULT
<b>Forced MIME type</b>	xml						
<b>Template file</b>	DemoOrder-XML.xml						

Object Code	Code	Usage	V	La n	Translation	Type	Syntax
DemoProduct	DemoProduct-Brochure	O	P	AN Y	Brochure	METH	DEFAULT
<b>Output file name</b>	[VALUE:demoPrdReference].docx						
<b>Forced MIME type</b>	docx						
<b>Method</b>	printBrochure						
<b>Template file</b>	DemoProduct-Brochure.docx						

Object Code	Code	Usage	V	La n	Translation	Type	Syntax
DemoProduct	DemoProduct-Email	X	1	FR A	Email stock bas	FILE	DEFAULT
<b>Forced MIME type</b>	html						
<b>Template file</b>	DemoProduct-Email-FRA.html						

Object Code	Code	Usage	V	La n	Translation	Type	Syntax
DemoProduct	DemoProduct-Email	X	1	EN U	Low stock email	FILE	DEFAULT
<b>Forced MIME type</b>	html						
<b>Template file</b>	DemoProduct-Email-ENU.html						

Object Code	Code	Usage	V	La n	Translation	Type	Syntax
DemoSupplier	DemoSupplier-Catalog	L	1	AN Y	Catalog	FILE	DEFAULT
<b>Forced MIME type</b>	html						
<b>Template file</b>	DemoSupplier-Catalog.html						

<b>PRT_USAGE:</b> - OLM: Everywhere - O: On object only - L: On list only	<b>BTN_VIS:</b> - 1: Visible - 0: Hidden - P: Plus	<b>LANG_ALL:</b> - ANY: * - ENU: English - FRA: French
--	---	---



<ul style="list-style-type: none"> <li>- M: For mailings</li> <li>- OL: On object and list</li> <li>- OM: On object and for mailing</li> <li>- LM: On list and for mailing</li> <li>- E: Export</li> <li>- X: Other usage</li> </ul>		
<b>PRT_TYPE:</b> <ul style="list-style-type: none"> <li>- DEFAULT: By default</li> <li>- METH: Method</li> <li>- FILE: File</li> <li>- TMPL: Template (deprecated)</li> </ul>	<b>PRT_SYNTAX:</b> <ul style="list-style-type: none"> <li>- DEFAULT: Default</li> <li>- MUSTACHE: Mustache</li> </ul>	<b>PRT_FORCEDTYPE:</b> <ul style="list-style-type: none"> <li>- html: HTML</li> <li>- xlsx: Microsoft Excel(R)</li> <li>- docx: Microsoft Word(R)</li> <li>- txt: Text</li> <li>- pdf: PDF</li> <li>- xml: XML</li> <li>- json: JSON</li> <li>- yml: YAML</li> <li>- md: Markdown</li> <li>- zip: ZIP archive</li> <li>- xls: Legacy Microsoft Excel97(R)</li> <li>- doc: Legacy Microsoft Word97(R)</li> </ul>

### 5.14. Tree view

Name	Search child objects automatically	Layout
DemoClientTreeview	0	layout-chevron
DemoSupplierTreeview	0	layout-chevron

<b>TRV_AUTOSEARCH:</b> <ul style="list-style-type: none"> <li>- 0: Manual</li> <li>- 1: All</li> <li>- 2: Links only</li> </ul>	<b>TRV_LAYOUT:</b> <ul style="list-style-type: none"> <li>- layout-chevron: Chevron</li> <li>- layout-connected: Connected</li> </ul>
--	--

### 5.15. Node

Tree Name	Level	Open by default	P
DemoClientTreeview	1	No	Yes
<b>Business object</b>	DemoClient		

Tree Name	Level	Open by default	P
DemoClientTreeview	2	No	Yes
<b>Business object</b>	DemoContact		
<b>Joined field</b>	demoCtcClild		
<b>Parent node Level</b>	1		

Tree Name	Level	Open by default	P
DemoClientTreeview	3	No	Yes
<b>Business object</b>	DemoOrder		
<b>Joined field</b>	demoOrdClild		
<b>Parent node Level</b>	1		



Tree Name		Level	Open by default	P
DemoSupplierTreeview		1	No	No
<b>Business object</b>	DemoSupplier			

Tree Name		Level	Open by default	P
DemoSupplierTreeview		2	No	No
<b>Business object</b>	DemoProduct			
<b>Joined field</b>	demoPrdSupld			
<b>Parent node Level</b>	1			

Tree Name		Level	Open by default	P
DemoSupplierTreeview		3	No	Yes
<b>Business object</b>	DemoOrder			
<b>Joined field</b>	demoOrdPrdld			
<b>Parent node Level</b>	2			

### 5.16. Tree view translation

Object	Lan	Translation
Tree view: DemoClientTreeview	ENU	Customer tree view
Tree view: DemoClientTreeview	FRA	Vue en arbre du client
Tree view: DemoSupplierTreeview	ENU	Supplier tree view
Tree view: DemoSupplierTreeview	FRA	Vue en arbre du fournisseur

### 5.17. Pivot table

Name		Object Code	Default function	V
DemoOrder-TC1		DemoOrder	S	1
<b>Default precision</b>	0			
<b>Subtotals ?</b>	No			
<b>Color of total</b>	#D9D2E9			

Name		Object Code	Default function	V
DemoOrder-TC2		DemoOrder	S	1
<b>Default precision</b>	2			
<b>Subtotals ?</b>	Yes			
<b>Color of total</b>	#C9DAF8			

Name		Object Code	Default function	V
DemoOrder-TC3		DemoOrder	S	1



<b>Default precision</b>	0
<b>Subtotals ?</b>	No
<b>Color of total</b>	#D9EAD3

Name		Object Code	Default function	V
DemoOrder-TC4		DemoOrder	S	1
<b>Default precision</b>	0			
<b>Subtotals ?</b>	No			
<b>Color of total</b>	#F4CCCC			

Name		Object Code	Default function	V
DemoProduct-T1		DemoProduct	S	1
<b>Default precision</b>	0			
<b>Subtotals ?</b>	No			
<b>Color of total</b>	#E4E4E4			

CTB_FUNCTION: - T: Text - S: Sum - P: Product - A: Algebraic average - G: Geometric average - L: Min - H: Max - F: Formula	BTN_VIS: - 1: Visible - 0: Hidden - P: Plus
--	--

### 5.18. Pivot table translation

Object	Lan	Translation
Pivot table: DemoOrder-TC1	ENU	Activity
Pivot table: DemoOrder-TC1	FRA	Activité
Pivot table: DemoOrder-TC2	ENU	Revenue
Pivot table: DemoOrder-TC2	FRA	Chiffre d'affaire
Pivot table: DemoOrder-TC3	ENU	Quantities
Pivot table: DemoOrder-TC3	FRA	Quantités
Pivot table: DemoOrder-TC4	ENU	Revenue per country
Pivot table: DemoOrder-TC4	FRA	CA par pays
Pivot table: DemoProduct-T1	ENU	Products by suppliers and types
Pivot table: DemoProduct-T1	FRA	Produits par fournisseurs et types

### 5.19. Agenda

Name	Object Code	Open days	S	E	F	Date field	Label field
DemoOrderAgenda	DemoOrder	1;2;3;4;5	0	1	No	demoOrdDeliveryDate	demoOrdStatus



Name	Object Code	Open days	S	E	F	Date field	Label field
		;6;7	8	8			
			:	:			
			0	0			
			0	0			
<b>Day Quantum</b>	30						

<b>AGENDA_DAYS:</b> - 1: Monday - 2: Tuesday - 3: Wednesday - 4: Thursday - 5: Friday - 6: Saturday - 7: Sunday	<b>AGENDA_QUANTUM:</b> - 5: 5 min - 10: 10 min - 15: 15 min - 20: 20 min - 30: 30 min - 60: 1 h - 90: 1 h 30 - 120: 2 h - 180: 3 h - 240: 4 h - 480: 8 h - 720: 12 h
--	--

## 5.20. Places map

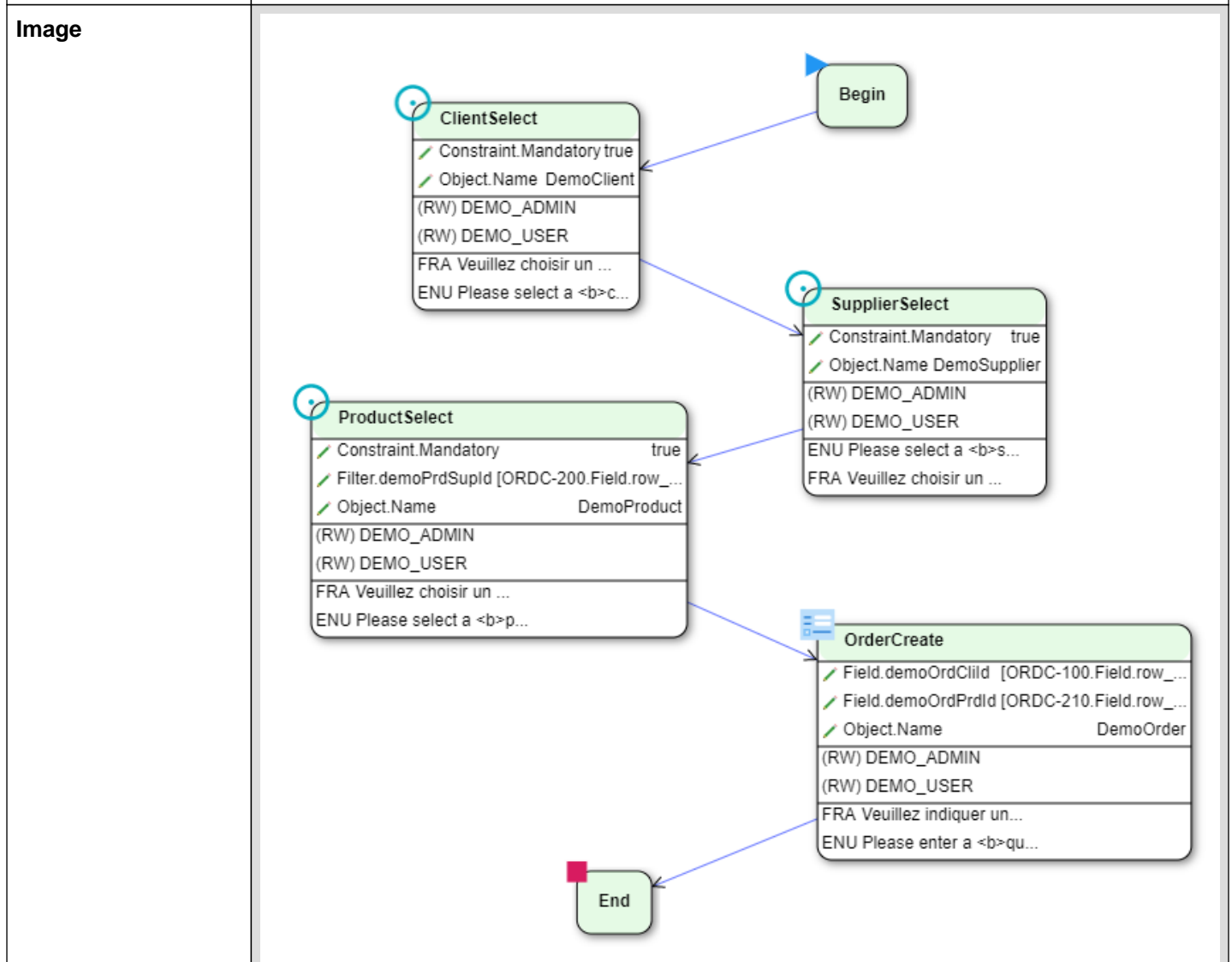
Name	Object	Coordinates field Logical name	Label 1 field Logical name
DemoClients	DemoClient	demoCliCoords	demoCliPlacemapLabel
<b>Label 2 field Logical name</b>	demoCliAddress1		
<b>Label 3 field Logical name</b>	demoCliCity		



## 6. Business process

### 6.1. Business process

Name		Code	T
DemoOrderCreate		ORDC	0
<b>Max duration</b>	0		
<b>Duration unit</b>	D		
<b>Store data on exit</b>	No		
<b>Depth persistence</b>	0		
<b>Model</b>	DemoWorkflow		



<b>PCS_TYPE:</b> - 0: Screen workflow - 1: Human tasks	<b>PCS_UNIT:</b> - Y: Year - M: Month - D: Day - H: Hour - I: Minute - S: Second	<b>DEL_CASCADE:</b> - R: Impossible if referred - N: Unset the reference - C: Cascade delete - Z: Do not use
--	--	--



## 6.2. Process translation

Object	Lan	Translation
Business process: DemoOrderCreate	ENU	Place a new order workflow
Business process: DemoOrderCreate	FRA	Processus nouvelle commande

## 6.3. Activity

Process	Step	Name	T	R	U
DemoOrderCreate	ORDC-000	Begin	B	N	No
DemoOrderCreate	ORDC-100	ClientSelect	C	N	Yes
DemoOrderCreate	ORDC-200	SupplierSelect	C	E	Yes
DemoOrderCreate	ORDC-210	ProductSelect	C	E	Yes
DemoOrderCreate	ORDC-300	OrderCreate	N	N	Yes
DemoOrderCreate	ORDC-999	End	E	N	No

<b>ACY_TYPE:</b> - B: Begin - E: End - R: Search - N: New - U: Update - D: Delete - S: Service call - C: Select single - M: Select multiple - P: Split parallel - J: Join synchronize - I: Condition - X: External page - G: Message - Z: Sub-Process	<b>ACY_REVERS:</b> - N: Irreversible - O: Update without forward impact - E: Update with forward erasing	<b>PCS_UNIT:</b> - Y: Year - M: Month - D: Day - H: Hour - I: Minute - S: Second
--	---	--

## 6.4. Activity translation

Object	Lan	Translation
Activity: DemoOrderCreate ORDC-000	ENU	Begin
Activity: DemoOrderCreate ORDC-000	FRA	Début
Activity: DemoOrderCreate ORDC-100	ENU	Select customer
Activity: DemoOrderCreate ORDC-100	FRA	Sélection du client
Activity: DemoOrderCreate ORDC-210	ENU	Select product
Activity: DemoOrderCreate ORDC-210	FRA	Sélection du produit
Activity: DemoOrderCreate ORDC-200	ENU	Select supplier
Activity: DemoOrderCreate ORDC-200	FRA	Sélection du fournisseur
Activity: DemoOrderCreate ORDC-300	ENU	Order creation
Activity: DemoOrderCreate ORDC-300	FRA	Création commande
Activity: DemoOrderCreate ORDC-999	ENU	End
Activity: DemoOrderCreate ORDC-999	FRA	Fin

## 6.5. Activity link



Process	From Step	From Name	To Step	To Name
DemoOrderCreate	ORDC-000	Begin	ORDC-100	ClientSelect
DemoOrderCreate	ORDC-100	ClientSelect	ORDC-200	SupplierSelect
DemoOrderCreate	ORDC-200	SupplierSelect	ORDC-210	ProductSelect
DemoOrderCreate	ORDC-210	ProductSelect	ORDC-300	OrderCreate
DemoOrderCreate	ORDC-300	OrderCreate	ORDC-999	End

## 6.6. Activity data

Activity Process Name	Activity Step	Activity Name	Group	Name	Order
DemoOrderCreate	ORDC-100	ClientSelect	Constraint	Mandatory	1
<b>Value</b>	true				

Activity Process Name	Activity Step	Activity Name	Group	Name	Order
DemoOrderCreate	ORDC-100	ClientSelect	Object	Name	1
<b>Value</b>	DemoClient				

Activity Process Name	Activity Step	Activity Name	Group	Name	Order
DemoOrderCreate	ORDC-200	SupplierSelect	Constraint	Mandatory	1
<b>Value</b>	true				

Activity Process Name	Activity Step	Activity Name	Group	Name	Order
DemoOrderCreate	ORDC-200	SupplierSelect	Object	Name	1
<b>Value</b>	DemoSupplier				

Activity Process Name	Activity Step	Activity Name	Group	Name	Order
DemoOrderCreate	ORDC-210	ProductSelect	Constraint	Mandatory	1
<b>Value</b>	true				

Activity Process Name	Activity Step	Activity Name	Group	Name	Order
DemoOrderCreate	ORDC-210	ProductSelect	Filter	demoPrdSupId	1
<b>Value</b>	[ORDC-200.Field.row_id]				

Activity Process Name	Activity Step	Activity Name	Group	Name	Order
DemoOrderCreate	ORDC-210	ProductSelect	Object	Name	1
<b>Value</b>	DemoProduct				



Activity Process Name	Activity Step	Activity Name	Group	Name	Order
DemoOrderCreate	ORDC-300	OrderCreate	Field	demoOrdClId	100
<b>Value</b>	[ORDC-100.Field.row_id]				

Activity Process Name	Activity Step	Activity Name	Group	Name	Order
DemoOrderCreate	ORDC-300	OrderCreate	Field	demoOrdPrdId	200
<b>Value</b>	[ORDC-210.Field.row_id]				

Activity Process Name	Activity Step	Activity Name	Group	Name	Order
DemoOrderCreate	ORDC-300	OrderCreate	Object	Name	1
<b>Value</b>	DemoOrder				

Activity Process Name	Activity Step	Activity Name	Group	Name	Order
DemoOrderCreate	ORDC-999	End	Forward	Page	1
<b>Value</b>	[EXPR:HTMLTool.getFormURL("DemoOrder", null, "[PARAM:1]", null)]				

Activity Process Name	Activity Step	Activity Name	Group	Name	Order
DemoOrderCreate	ORDC-999	End	Forward	PARAM:1	1
<b>Value</b>	[ORDC-300.Field.row_id]				

## 6.7. State

List	Status Code	R	Label	E
DEMO_CTC_STATUS	C	M	Closed	Yes
<b>Terminal</b>	Yes			
<b>Read only fields</b>	Yes			
<b>Direct access via menu</b>	Yes			

List	Status Code	R	Label	E
DEMO_CTC_STATUS	O	M	Open	Yes
<b>Terminal</b>	No			
<b>Read only fields</b>	No			
<b>Direct access via menu</b>	Yes			

List	Status Code	R	Label	E
DEMO_CTC_STATUS	P	M	Processing	Yes



<b>Terminal</b>	No
<b>Read only fields</b>	No
<b>Direct access via menu</b>	Yes

List	Status Code	R	Label	E
DEMO_ORD_STATUS	C	E	Cancelled state	Yes
<b>Terminal</b>	Yes			
<b>Read only fields</b>	Yes			
<b>Direct access via menu</b>	Yes			

List	Status Code	R	Label	E
DEMO_ORD_STATUS	D	M	Shipped state	Yes
<b>Terminal</b>	Yes			
<b>Read only fields</b>	Yes			
<b>Direct access via menu</b>	Yes			

List	Status Code	R	Label	E
DEMO_ORD_STATUS	H	O	On hold	Yes
<b>Terminal</b>	No			
<b>Read only fields</b>	Yes			
<b>Direct access via menu</b>	Yes			

List	Status Code	R	Label	E
DEMO_ORD_STATUS	P	M	Pending state	Yes
<b>Terminal</b>	No			
<b>Read only fields</b>	No			
<b>Direct access via menu</b>	Yes			

List	Status Code	R	Label	E
DEMO_ORD_STATUS	V	M	Validated state	Yes
<b>Terminal</b>	No			
<b>Read only fields</b>	No			
<b>Direct access via menu</b>	Yes			

STA\_ROLE:  
 - M: Milestone  
 - O: Optional step



- E: Exception  
- H: Hidden

## 6.8. State transition

Name	List of values	From state	List of values	To state
DEMO_CTC_STATUS-C-O	DEMO_CTC_STATUS	C	DEMO_CTC_STATUS	O
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_CTC_STATUS-O-C	DEMO_CTC_STATUS	O	DEMO_CTC_STATUS	C
<b>Action Name</b>	DEMO_CTC_STATUS-CLOSE			
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_CTC_STATUS-O-P	DEMO_CTC_STATUS	O	DEMO_CTC_STATUS	P
<b>Action Name</b>	DEMO_CTC_STATUS-PROCESS			
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_CTC_STATUS-P-C	DEMO_CTC_STATUS	P	DEMO_CTC_STATUS	C
<b>Action Name</b>	DEMO_CTC_STATUS-CLOSE			
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_CTC_STATUS-P-O	DEMO_CTC_STATUS	P	DEMO_CTC_STATUS	O
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_ORD_STATUS-C-P	DEMO_ORD_STATUS	C	DEMO_ORD_STATUS	P
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_ORD_STATUS-	DEMO_ORD_STATUS	C	DEMO_ORD_STATUS	V



Name	List of values	From state	List of values	To state
C-V				
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_ORD_STATUS-H-C	DEMO_ORD_STATUS	H	DEMO_ORD_STATUS	C
<b>Action Name</b>	DEMO_ORD_STATUS-CANCEL			
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_ORD_STATUS-H-P	DEMO_ORD_STATUS	H	DEMO_ORD_STATUS	P
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_ORD_STATUS-H-V	DEMO_ORD_STATUS	H	DEMO_ORD_STATUS	V
<b>Action Name</b>	DEMO_ORD_STATUS-VALIDATE			
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_ORD_STATUS-P-C	DEMO_ORD_STATUS	P	DEMO_ORD_STATUS	C
<b>Notification Name</b>	DemoOrderCancellation			
<b>Action Name</b>	DEMO_ORD_STATUS-CANCEL			
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_ORD_STATUS-P-H	DEMO_ORD_STATUS	P	DEMO_ORD_STATUS	H
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_ORD_STATUS-P-V	DEMO_ORD_STATUS	P	DEMO_ORD_STATUS	V
<b>Action Name</b>	DEMO_ORD_STATUS-VALIDATE			



Enabled
Yes

Name	List of values	From state	List of values	To state
DEMO_ORD_STATUS-V-C	DEMO_ORD_STATUS	V	DEMO_ORD_STATUS	C
<b>Notification Name</b>	DemoOrderCancellation			
<b>Action Name</b>	DEMO_ORD_STATUS-CANCEL			
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_ORD_STATUS-V-D	DEMO_ORD_STATUS	V	DEMO_ORD_STATUS	D
<b>Notification Name</b>	DemoOrderDelivery			
<b>Action Name</b>	DEMO_ORD_STATUS-DELIVER			
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_ORD_STATUS-V-H	DEMO_ORD_STATUS	V	DEMO_ORD_STATUS	H
Enabled				
Yes				

Name	List of values	From state	List of values	To state
DEMO_ORD_STATUS-V-P	DEMO_ORD_STATUS	V	DEMO_ORD_STATUS	P
Enabled				
Yes				

## 6.9. Help

Process	Activity Step	Activity Name	Lan
DemoOrderCreate	ORDC-100	ClientSelect	FRA
<b>Abstract</b>			
Veuillez choisir un <b>client</b>			

Process	Activity Step	Activity Name	Lan
DemoOrderCreate	ORDC-100	ClientSelect	ENU
<b>Abstract</b>			
Please select a <b>client</b>			

Process	Activity Step	Activity Name	Lan
DemoOrderCreate	ORDC-200	SupplierSelect	ENU


**Abstract**

Please select a <b>supplier</b>

Process	Activity Step	Activity Name	Lan
DemoOrderCreate	ORDC-200	SupplierSelect	FRA

**Abstract**

Veillez choisir un <b>fournisseur</b>

Process	Activity Step	Activity Name	Lan
DemoOrderCreate	ORDC-210	ProductSelect	FRA

**Abstract**

Veillez choisir un <b>produit</b>

Process	Activity Step	Activity Name	Lan
DemoOrderCreate	ORDC-210	ProductSelect	ENU

**Abstract**

Please select a <b>product</b>

Process	Activity Step	Activity Name	Lan
DemoOrderCreate	ORDC-300	OrderCreate	FRA

**Abstract**

Veillez indiquer une <b>quantité</b> et, <u>si besoin</u>, ajouter un commentaire

Process	Activity Step	Activity Name	Lan
DemoOrderCreate	ORDC-300	OrderCreate	ENU

**Abstract**

Please enter a <b>quantity</b> and, <u>if required</u>, add some comments

LANG:

- ENU: English
- FRA: French

## 6.10. Process permission

Group	Process	Grant
DEMO_ADMIN	DemoOrderCreate	N;R;C
DEMO_USER	DemoOrderCreate	N;R;C

GRANT\_PCS:

- N: Instantiate permission
- R: Read only
- C: Cancel permission

## 6.11. Activity permission

Group	Process	Step	Activity	Grant
DEMO_ADMIN	DemoOrderCreate	ORDC-000	Begin	R;W



DEMO_ADMIN	DemoOrderCreate	ORDC-100	ClientSelect	R; W
DEMO_ADMIN	DemoOrderCreate	ORDC-200	SupplierSelect	R; W
DEMO_ADMIN	DemoOrderCreate	ORDC-210	ProductSelect	R; W
DEMO_ADMIN	DemoOrderCreate	ORDC-300	OrderCreate	R; W
DEMO_ADMIN	DemoOrderCreate	ORDC-999	End	R; W
DEMO_USER	DemoOrderCreate	ORDC-000	Begin	R; W
DEMO_USER	DemoOrderCreate	ORDC-100	ClientSelect	R; W
DEMO_USER	DemoOrderCreate	ORDC-200	SupplierSelect	R; W
DEMO_USER	DemoOrderCreate	ORDC-210	ProductSelect	R; W
DEMO_USER	DemoOrderCreate	ORDC-300	OrderCreate	R; W
DEMO_USER	DemoOrderCreate	ORDC-999	End	R; W

GRANT\_ACT:  
 - R: Read only  
 - W: Write permission  
 - C: Cancel permission

## 6.12. Alert

Name		E	Actions to launch	Quant
DemoOrderCancellation		Yes	M	1
<b>Media</b>	E;P			

Name		E	Actions to launch	Quant
DemoOrderDelivery		Yes	M	1
<b>Media</b>	E;P			

ALERT\_ACTION:  
 - M: Send a message  
 - P: Cancel process  
 - A: Cancel activity  
 - C: Compensate process

ALERT\_MEDIA:  
 - E: Email  
 - L: Log  
 - S: SMS  
 - P: Social post  
 - A: Slack  
 - T: Trello  
 - C: Custom



## 7. Document

### 7.1. Bookshelf

Name		Access permission
B-demoCtcFile		No
<b>Field</b>	demoCtcFile	

Name		Access permission
B-demoCtcPicture		No
<b>Field</b>	demoCtcPicture	

Name		Access permission
B-demoPrdBrochure		No
<b>Field</b>	demoPrdBrochure	

Name		Access permission
B-demoPrdEan13Image		No
<b>Field</b>	demoPrdEan13Image	

Name		Access permission
B-demoPrdPicture		No
<b>Field</b>	demoPrdPicture	

Name		Access permission
B-demoSupLogo		No
<b>Field</b>	demoSupLogo	

### 7.2. Document index translation

Object	Lan	Translation
Bookshelf: B-demoCtcFile	ENU	B-demoCtcFile
Bookshelf: B-demoCtcFile	FRA	B-demoCtcFile
Bookshelf: B-demoCtcPicture	ENU	B-demo ctc picture
Bookshelf: B-demoCtcPicture	FRA	B-demo ctc picture
Bookshelf: B-demoSupLogo	ENU	B-demo sup logo
Bookshelf: B-demoSupLogo	FRA	B-demo sup logo
Bookshelf: B-demoPrdEan13Image	ENU	B-demo prd ean 13image
Bookshelf: B-demoPrdEan13Image	FRA	B-demo prd ean 13image
Bookshelf: B-demoPrdBrochure	ENU	Product brochure
Bookshelf: B-demoPrdBrochure	FRA	Brochure produit
Bookshelf: B-demoPrdPicture	ENU	B-demo prd picture
Bookshelf: B-demoPrdPicture	FRA	B-demo prd picture



### 7.3. Permitted file type

Name	MIME type	File extension
B-demoCtcFile	application/msword	doc
B-demoCtcFile	application/pdf	pdf
B-demoCtcFile	application/vnd.openxmlformats-officedocument.wordprocessingml.document	docx
B-demoPrdBrochure	application/msword	doc
B-demoPrdBrochure	application/pdf	pdf
B-demoPrdBrochure	application/vnd.ms-excel	xls
B-demoPrdBrochure	application/vnd.ms-powerpoint	ppt
B-demoPrdBrochure	application/vnd.openxmlformats-officedocument.presentationml.presentation	pptx
B-demoPrdBrochure	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet	xlsx
B-demoPrdBrochure	application/vnd.openxmlformats-officedocument.wordprocessingml.document	docx
B-demoPrdBrochure	text/html	html
B-demoPrdBrochure	text/plain	txt
B-demoPrdBrochure	video/mp4	m4v
B-demoPrdBrochure	video/mp4	mp4



## 8. Operation

### 8.1. Log event

Code		Type	Level	Targets	Enabled
DEMO_ERR		M	W	L;D	Yes
Label	Demo				
Max depth	100				

Code		Type	Level	Targets	Enabled
DEMO_INFO		M	I	L;D	Yes
Label	Demo				
Max depth	100				

Code		Type	Level	Targets	Enabled
DEMO_WARN		M	W	L;D	Yes
Label	Demo				
Max depth	100				

LEV_TYPE: - M: Message - S: Session - D: Document - R: Repository - Q: System SQL query - U: User SQL query	LEV_LEVEL: - F: Fatal - E: Error - W: Warning - I: Information - D: Debug	LEV_CANAL: - L: Logger - D: Database
---	--	--

### 8.2. Adapter

Name	A	Processing type
DemoAdapter	Yes	JAVA

ADP_TYPE: - JAVA: Java / Script - AWK: UNIX awk
---