

# Connector BusinessObjects

Documentation

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## I. PREREQUISITES

- Follow instructions for deploying ddbobridge on Business Objects' server (C.f. tutorial called "boconnector\_technical\_en.pdf").
- > A BO server and access identifiers (cf. below)
- > A report ID (not mandatory)

## **II. SELECTION OF THE DATASOURCE**

DigDash Enterprise allows you to retrieve information from your BusinessObjects' server.

Select the type of report you want to work with, in the toolbar at the bottom of the page.



**OR** click on **New model** in the datasource manager tab and choose **BusinessObjects Report**.



		ows, groups and users. er all flows that use it.	
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	-	Any file	t Edit
			18/2019
	8	Database	18/2019
	-	Database	18/2019
		OLAP Query	20/2019
	-		20/2019
		NoSQL database	20/2019
	BO		20/2019
	690100 690100	BusinessObjects Report (XI Portal)	20/2019
	BO	BusinessObjects Report Data Provider (XI Portal)	20/2019
	(COCHUNE		20/2019
	COCHUS 023	Cognos Report (XML)	20/2019
	COCHIOS	Cognos Report (Cognos Portal)	20/2019
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	BIRT	BIRT Report (HTML)	18/2019
			18/2019
		Google Analytics Report	18/2019
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	<b>3</b>	Splunk	18/2019
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		Source Transformer	11/2019
		Columns Transformer	04/2019
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			07/2019
	<u>.</u>	Source Merger (union)	07/2019
		Source Merger (join)	13/2018
			16/2018
		Excel File	02/07/2019

## **III. AUTHENTICATION**

For a first-time BO connection via Digdash, the following authentication fields are required (first in **Manual** connection mode ; change into **Named** connection mode to save the fields) :

Load data from a BusinessObjects report coming from a XI Portal	— 🗆 X
BusinessObjects portal connection	
BO Server URL:	CMS Name: 🥑
Authentication Type: User:	Password: 🛛 🕜
	Test connection
BusinessObjects report selection	
Report ID:	Type: Report type 🛛 🗸 🕐
Worksheet V Instances : Report V Prompt value	ues Advanced 🔻 Favorites 🔍 Reload

Screenshot: authentication fields to connect to BO via Digdash in Manual mode

• **BO server URL** : it is the BO application server (Tomcat) followed by the port number :

http://{IP address of the BO application server}:{Tomcat's port number} <u>Example</u> : http://boAppServer:8080

• **CMS name** (or System) : it is the BO engine server followed by the port number :

{IP address of the BO engine}:{CMS' port number} <u>Exemple</u> : boEngServer:6400

- Authentication type : the type is « Enterprise » most of the time
- User
- Password

You can check if the connection is established with the button « Test connection ».

**Warning**: if you deal with a **secured connection (https)**, please refer to the end of this document to know how to proceed (Cf Part VIII "**Importing the certificate for a secured connection**").

# **IV. GETTING A BUSINESSOBJECTS REPORT**

Enter in the text field the ID of the report you want to charge as a DataSource and its type.

If the ID is valid, clicking the "Reload" button will automatically update the UI (User Interface) with data related to the chosen report.

Load data from a BusinessObjects report coming from a XI Portal		– 🗆 X
BusinessObjects portal connection		
Connection mode:  Named  Manual		
Connection: BO		Select
		Test connection
BusinessObjects report selection Text field for the report ID	-	Report type picker
Report ID: 1082	Туре	: Report type 🛛 🗸 🚯
Worksheet Vinstances : Report Vinstances : Rep	. Advanced	Report type d WebIntelligence (wid)
Data selection		WebIntelligence (wid) DesktopIntelligence (rep)
Skip rows from head: 0 🜩 Lines must match Vext rules:		

Screenshot: entering the report ID the user wants to retrieve and choosing the report type

Load data from a BusinessObjects report coming from a XI Portal		×
BusinessObjects portal connection		
Connection mode:  Named  Manual		
Connection: BO	Select.	
	Test connec	tion
BusinessObjects report selection Text field automatically updated once the report is retrieved with a valid entered ID		
Report ID: [ID 1082] (WebIntelligence) Type: WebIntelligence	(wid) 🗸 🗸	0
Worksheet         Hidden1         Instances : Report         Prompt values         Advanced         * Favorites	Reloa	id 🞝
Data selection Relation	oad of the	report
Skip rows from head: 0 🖨 Lines must match all V Next rules:		

Screenshot: updating the text field with information related to the selected BO report

## V. GETTING A SPECIFIC BUSINESSOBJECTS REPORT INSTANCE

A dropdown list is available to give you the possibility to choose a specific instance for a given report.

Here are the available choices for picking an instance:

- > Report: it is the original document (without any update via a scheduler)
- > Last successful: it is the last successful report instance after the last schedule
- > Last: it is the last successful or not report instance after the last schedule
- > Penultimate: it is the penultimate report instance.

Load data from a BusinessObjects report coming from a XI Portal	_		$\times$
BusinessObjects portal connection			
Connection mode:  Named  Manual			
Connection: BO		Selec	:t
		Test conne	ection
BusinessObjects report selection Note that the report in this example has four instances, hence the different options.			
Report ID: [ID 1082] (WebInteringence)	lligence (	wid)	~ 🕜
Worksheet Hidden1 V Instances: Report Prompt values Advanced Fax	vorites	Relo	ad
Data selection Ultimate successful			
Skip rows from head:			
First row as header			

Screenshot: dropdown list displaying the options for picking a specific report instance

By default, it is the report instance that is chosen.

**Note**: Of course, the dropdown list will only display the possible choices for the report (i.e. if the report only has one instance, the option "penultimate" will not appear). And as previously mentioned, if the report has no instance at all, the default choice (report instance) is chosen.

### VI. HANDLING A BUSINESSOBJECTS REPORT'S PROMPTS

Some BO reports contains prompts imposed by the Universe or prompts created by a user. You have the possibility via Digdash to fill these prompts in a dedicated interface to filter your BO query with the button called "**Prompt values**".

Load data from a BusinessObjects report coming from a XI Portal	— 🗆 X
BusinessObjects portal connection	
Connection mode:  Named  Manual	
Connection: BO	Select
	Test connection
BusinessObjects report selection	
Report ID: [ID 1082] (WebIntelligence)	Type: WebIntelligence (wid) 🛛 🗸 😮
Worksheet _Hidden1 ~ Instances : Report ~	Prompt values Advanced Favorites Reload
Data selection	
Skip rows from head:	

Screenshot: Button to access the prompts handler

Prompt values	×
About prompt values if you want to add several values for one prompt, use the comma t	o separate them.
Name: Value:	- +
	$\sim$
[	OK Cancel

Screenshot: UI to handle prompt values for a BO report

The interface suggests you to enter for each prompt: its name (or label) and its associated value.

You can add as many name-value associations as needed.

<u>Note</u>: a prompt can be associated with a list of values. Use commas to separate each value.

Reload the report to apply these filters.

### VII. LIST OF ALL BUSINESSOBJECTS REPORTS (WEBI AND DESKTOPINTELLIGENCE)

The UI comes with a button that will allow you to see all the BO reports on your BO server.

Load data from a BusinessObjects report coming from a XI Portal		×
BusinessObjects portal connection		
Connection mode:      Named      Manual		
Connection:	Sele	ect
	Test conr	nection
BusinessObjects report selection	ver	
Report ID: Type: Report type		~ 🕐
Worksheet         Yes         Prompt values         Advanced         Yes         Favorites	Re	load
Data selection		
Skip rows from head:		

Screenshot: Button to display all reports on the BO server

orkshe	et V Inst	ances : Report 🗸 🗸		Prompt values	Advanced.	e: Report type	0	Reloa
		•		Trompt values	/ lavancea.			×
a se	BusinessObjects report	IS TROM BO						^
p rc								٩
Firs	ID report	Name	Instances	Туре		Path		^
Ma	900	Report Conversion	0	Webi (WebInt	elligence)	Report Conversion	n Tool	
Adv	1028	Average Number o	0	Webi (WebInt	elligence)	Auditor/en		
	1029	Job Services on the	0	Webi (WebInt	elligence)	Auditor/en		
viev	1030	Least Accessed Doc	0	Webi (WebInt	elligence)	Auditor/en		
Max	1031	Most Popular Actio	0	Webi (WebInt	elligence)	Auditor/en		
IVICI	1032	Most Accessed Doc	0	Webi (WebInt	elligence)	Auditor/en		
	1033	Job Summary	0	Webi (WebInt	elligence)	Auditor/en		
	1034	Document Scheduli	0	Webi (WebInt	elligence)	Auditor/en		
	1035	Average Refresh Ti	0	Webi (WebInt	elligence)	Auditor/en		
	1036	Most Popular Actio	0	Webi (WebInt	elligence)	Auditor/en		
	1037	Most Active Users	0	Webi (WebInt	elligence)	Auditor/en		
	1038	Last Login for User	0	Webi (WebInt	elliaence)	Auditor/en		~
	Choose the number of	reports to display in the list: 10000	🗘 🌲 Reloa	ad		Tota	l reports:	81

Screenshot: the dialog displays all the WebI and DesktopIntelligence reports on the BO server

The dialog will display all the BO reports with, for each report:

- its ID,
- its name,
- its number of instances,
- its type and its path on the BO server.

Besides, the dialog comes with a search bar that will allow you to search for a report, faster.

**Note**: the filtering works for the report ID as well as for its name, its number of instances, its type and its path on the BO server.

By default, the interface lists the first 10,000 BO reports of the server. You have the possibility to increase or reduce the number of reports to display with the option **"Choose the number of reports to display in the list**".\*

1038	Last Login for U	ser 0			W
Choose the number of reports	s to display in the list:	50000	▲ ▼	Reload	

**<u>Note</u>**: when the option is not selected, the number of report to display comes back to 10,000;

The unique selection of a report will automatically update the fields related to the selected BO report.

# VIII. IMPORTING THE CERTIFICATE FOR A SECURED CONNECTION

If you deal with a secured connection (https), you need proceed as follows:

First, you need to import the Digdash certificate so that Digdash can access the application:

- With Windows
- → Launch the command prompt and go to:
  - C:\...\install\_dd\_20XX\jdk\jre\bin
- → Execute the command:

```
keytool -import -trustcacerts -file certificat.crt -alias
CA DIGDASH -keystore ..\lib\security\cacerts
```

- → Enter a password (changeit by default)
- ➔ Answer "yes" to the question

#### With Linux

→ Directly enter the command:

```
keytool -import -trustcacerts -file certificat.crt -alias
CA_DIGDASH -keystore $JAVA_HOME/jre/lib/security/cacerts
```

- → Enter a password (changeit by default)
- ➔ Answer "yes' to the question

In order to check if the previous operation is successful:

#### • With Windows

- → Launch the command prompt and go to: C:\...\install\_dd\_20XX\jdk\jre\bin
- ➔ Execute the command:

keytool -list -v -keystore ..\lib\security\cacerts

#### • With Linux

#### → Directly enter the command:

keytool -list -v -keystore \$JAVA\_HOME/jre/lib/security/cacerts