

SAP H[y]bris V6.2 Certified Development Professional Study Guide (P_HYCD_62)

wcms, backoffice, cockpit, accelerator, data model, order,
search, platform, pcm, price, user

250 questions to prepare the final exam!



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SAP Hybris Commerce 6.2 Developer Study Guide

Benoit Vanalderweireldt

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Chapter 1

Introduction

Dear reader,

Thank you for choosing *SAP Hybris Commerce 6.2 Developer Study Guide* to prepare for your SAP certification.

At Hybhub, we would be grateful to have your feedback on this e-book. Feel free to share your thoughts about this study guide by emailing benoit.v@hybhub.com.

If you disagree or think there are technical errors, please also share it with us.

1.1 About the author

Benoit Vanalderweireldt has worked as an SAP Hybris developer for the last four years for different companies in Asia, US and Europe. Besides being an enthusiastic SAP Hybris developer, he loves building software and infrastructures using automation.

You can learn more about him by visiting his profile on LinkedIn : <https://www.linkedin.com/in/benoitvanalderweireldt>

1.2 Requirements

In order to use this study guide you need :

1. SAP H[y]bris V6.2
2. access to <http://help.hybris.com>
3. access to <http://experts.hybris.com>
4. a working IDE compatible with SAP Hybris (Eclipse, IntelliJ, Netbeans...)
5. a JDK 8 installed

1.3 Groovy console

SAP Hybris commerce has the ability of running a Groovy script on a running system, from your script you are able to access all services, facades and therefore items. It makes the groovy console the best place to run any sort of quick tests or validate a piece of code on SAP Hybris (<http://groovy-lang.org>).

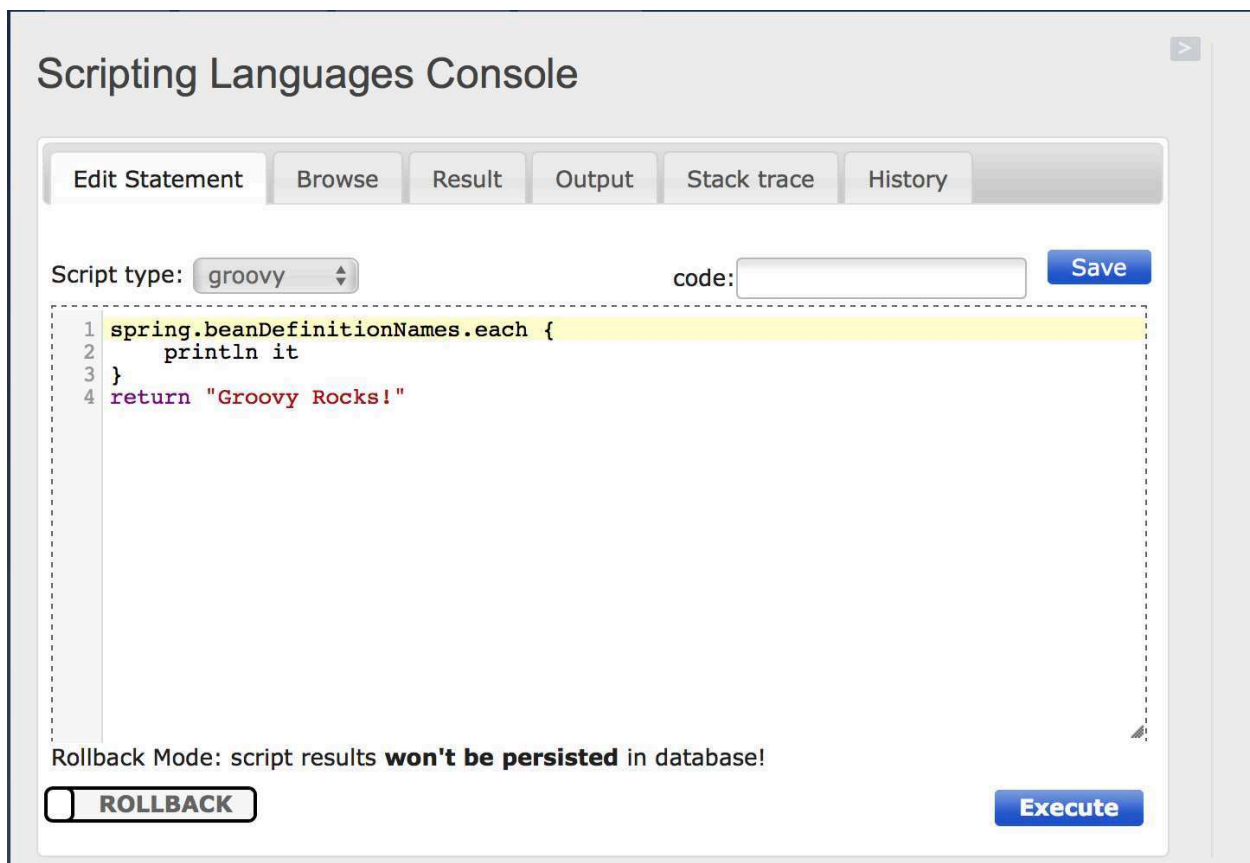
To run a groovy script, open <http://localhost:9001/console/scripting/> and select groovy as script type.

If rollback mode is on, no data would be persisted, so if you want to manipulate data remember to switch the mode to commit

Example loading a product:

```
1 import de.hybris.platform.servicelayer.search.FlexibleSearchService
2 import de.hybris.platform.catalog.CatalogVersionService
3 import de.hybris.platform.catalog.model.CatalogVersionModel
4 import de.hybris.platform.core.model.product.ProductModel
5
6 FlexibleSearchService fss = spring.getBean("flexibleSearchService")
7 CatalogVersionService cvs = spring.getBean("catalogVersionService")
8 CatalogVersionModel cvm = cvs.getCatalogVersion("electronicsProductCatalog","Online")
9
10 ProductModel pm = new ProductModel()
11 pm.setCode("1099413")
12 pm.setCatalogVersion(cvm)
13
14 pm = fss.getModelByExample(pm)
15
16 println pm.getName()
```

1.3 Example Groovy console



The screenshot displays the "Scripting Languages Console" interface. At the top, there are navigation tabs: "Edit Statement", "Browse", "Result", "Output", "Stack trace", and "History". Below these, the "Script type" is set to "groovy". A "code:" input field is present, followed by a "Save" button. The main area contains a Groovy script:

```
1 spring.beanDefinitionNames.each {
2     println it
3 }
4 return "Groovy Rocks!"
```

At the bottom, there is a "Rollback Mode: script results **won't be persisted** in database!" message. A "ROLLBACK" button is on the left, and an "Execute" button is on the right.

1.4 Assessment test

When you prepare the *P_HYCD_62 exam to become a SAP Certified Development Professional - SAP Hybris Commerce 6.2 Developer** you have a lot of questions like :

- How do I know I'm ready for the exam ?
- How hard are the questions ?
- How do I know what chapter I need to focus on ?
- Where can I find a dump of the final exam ? (**not here and I would strongly suggest you not to even try**)

This chapter, the *assessment test* or *pretest*, is designed as a mental dipstick to know how likely you would be to successfully pass *P_HYCD_62* if you were trying today. So let's get started; try to answer all the questions in real conditions.

1.4 Questions

Pretest - Question 1

When you initialize SAP Hybris from ant, what actions are executed ?

1. Aborts all running cronjobs
2. Delete and recreate the database
3. Delete all tables
4. Import all project data

-> [Go to solution](#)

Pretest - Question 2

Changing SAP Hybris configuration from the project.properties file of your platform project is considered bad because ?

1. This doesn't follow SAP Hybris license
2. It makes future updates harder
3. The file is already too big
4. This file is ignored after you create a new configuration folder from it

-> [Go to solution](#)

Pretest - Question 3

Is this a valid Flexible Search Query ?

```
1 SELECT {p.pk} FROM {Principal} AS p WHERE {p.uid} = 'admin'
```

1. No, *Principal* is an abstract type
2. No, SQL aliases definition needs to be inside the brackets
3. NO, for another reason
4. Yes, this is a valid Flexible Search Query.

-> [Go to solution](#)

Pretest - Question 4

According to the following *extensioninfo.xml* what statements are true ?

```

1 <?xml version="1.0" encoding="UTF-8" standalone="no"?>
2 <extensioninfo xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3   xsi:noNamespaceSchemaLocation="extensioninfo.xsd">
4
5   <extension abstractclassprefix="Generated" classprefix="HybhubStorefront"
6     name="hybhubstorefront">
7
8     <requires-extension name="assistedservicestorefront"/>
9     <requires-extension name="smarteditaddon"/>
10    <requires-extension name="captchaaddon"/>
11    <requires-extension name="acceleratorstorefrontcommons"/>
12    <requires-extension name="hybhubfacades"/>
13
14    <webmodule jspcompile="false" webroot="/hybhubstorefront"/>
15
16    <meta key="extgen-template-extension" value="true"/>
17
18  </extension>
19
20 </extensioninfo>

```

1. This extension could define new item types from its *hybhubstorefront-items.xml* like all other extensions
2. This extension can be used as a template to create a new extension
3. This extension can define HMC configuration and localization
4. This extension requires a *web* directory

-> [Go to solution](#)

Pretest - Question 5

Which of the following Interfaces are valid SAP Hybris interceptors ?

1. *de.hybris.platform.servicelayer.interceptor.ValidateInterceptor*
2. *de.hybris.platform.servicelayer.interceptor.PrepareInterceptor*
3. *de.hybris.platform.servicelayer.interceptor.CheckInterceptor*
4. *de.hybris.platform.servicelayer.interceptor.InitAllInterceptor*
5. *de.hybris.platform.servicelayer.interceptor.RemoveInterceptor*
6. *de.hybris.platform.servicelayer.interceptor.DeleteInterceptor*

-> [Go to solution](#)

Pretest - Question 6

What is the recommended way to create a new extension within SAP Hybris V6 ?

1. Use the installer script with the *extgen* recipe
2. Extensions are automatically created by the build framework based on your dependencies
3. Use the build framework with the *extgen* ant target to create a new extension from a template
4. Use the build framework with the *extgen* maven goal to create a new extension from a template

-> [Go to solution](#)

Pretest - Question 7

What bean would I get when I execute `spring.getBean("alias")`* for the following spring configuration?*

```
1 <alias name="bean1" alias="alias" />
2 <bean name="bean1" class="spring.exos.MyBean" />
3
4 <alias name="bean2" alias="alias" />
5 <bean name="bean2" class="spring.exos.MyBean" />
```

1. `bean1`
2. `bean2`
3. `alias`
4. The configuration is wrong

-> [Go to solution](#)

Pretest - Question 8

Using a standard SAP Hybris configuration, is this a valid item type definition ?

```
1 <itemtype code="MyItem" abstract="false" extends="GenericItem">
2 </itemtype>
```

1. No, this item needs a deployment table
2. No, this item needs at least one attribute
3. No, only abstract items can extends *GenericItem*
4. No, *GenericItem* is a not a valid type
5. Yes, this is a valid item type definition

-> [Go to solution](#)

Pretest - Question 9

All CMS item types extend ?

1. *GenericItem*
2. *CMS Item*
3. *CMSItem* or *CMSRelation*
4. *CatalogAware*

-> [Go to solution](#)

Pretest - Question 10

Next Generation Cockpit dynamic forms can be used to ?

1. Automatically generate forms for new item types
2. Automatically open the next tab when required data have been entered
3. Automatically disable a field when data are entered