ATG-Virtual Piggy Integration

Installation Guide

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# Overview

This document describes how to install and configure the ATG Virtual Piggy Integration application. This document includes Virtual piggy specific installation steps or CIM wizard related questions. For more details on how to set up Oracle ATG Commerce Reference Store (CRS) application, please refer to Oracle ATG Web Commerce CRS installation documentation here: <http://docs.oracle.com/cd/E36434_01/CRS.10-1-2/ATGCRSInstall/ATGCRSInstall.pdf>.

# Pre-requisites

The following packages are the pre-requisites for installing and deploying ATG-Virtual Piggy Integration application:

* JDK 1.6.0\_35 or JRockit 6 update 31 R28.2.3-4.10+ (if on WLS)
* Oracle ATG Web Commerce 10.1.2 Platform
* Oracle ATG Commerce Reference Store (CRS)

**Note**: CRS setup requires a working Endeca search server and Endeca Experience Manager setup. Please refer to Oracle ATG CRS installation documentation.

There are several assumptions made in this document:

* The OS is Windows. Otherwise, all paths should be adjusted correspondingly. These installation steps are applicable for Unix OS as well.
* The ATG 10.1.2 Platform is installed into C:\ATG\ATG\10.1.2 or /apps/ATG/ATG10.1.2 directory

# Installing and deploying the Application as an ATG Module

Install and deploy process for ATG-Virtual Piggy integration module involve in unpacking a pre-built module into ATG install directory, running CIM wizard to configure and deploy the ATG module.

## Unpacking from Build

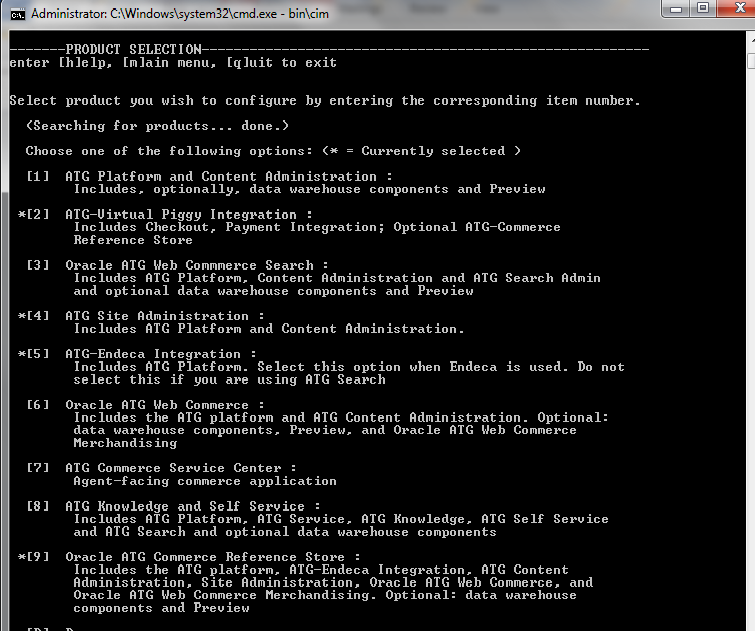
Unpack ATG\_VurtualPiggy\_Integration.jar into the <ATG\_ INSTALL > folder.

You can use any zip utility to do that. For example, to use the jar utility from JDK, open a new command-line window, change the directory to <ATG\_ INSTALL >, and run “jar xf C:\temp\ATG\_VirtualPiggy\_Integration.jar” or “jar xf /tmp/ATG\_VirtualPiggy\_Integration.jar” (assuming ATG\_VirtualPiggy\_Integration.jar is located at C:\temp or /tmp).

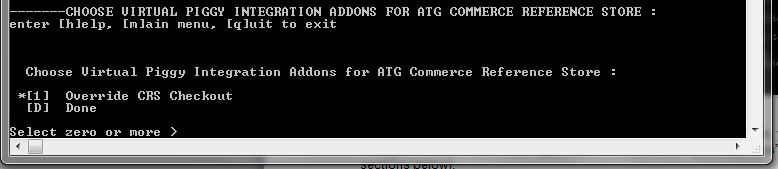
# Configuration & Installation Manager (CIM)

1. Open a new command-line window and change the directory to <ATG\_ INSTALL >\home\bin.
2. Run the “cim.bat|.sh” command. The CIM application should start.
3. Type “p” ([P] Product Selection) and press **Enter**.
4. Type a number corresponding to the “ATG-Virtual Integration” application and press **Enter**.
   1. The following lines should be marked by an asterisk:
      1. “ATG-Virtual Piggy Integration”
      2. “Oracle ATG Commerce Reference Store”

CIM will auto select additional modules based on dependencies for ATG Commerce Reference Store.

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1. Type “d” ([D] Done) and press **Enter**.
2. Next you will be asked to configure several add-ons. Add-ons depend on selected products as well as questions about search index structure. Most of these add-ons are not related to ATG-Virtual Piggy integration. The details will be documented in Oracle ATG CRS installation documentation.
3. For ATG-Virtual Piggy integration related add-ons, you will be presented an option to override CRS checkout flow.



Type “d”([D] Done) and press **Enter** to override CRS JSP pages with the modifications that are used to demonstrate Virtual Piggy checkout flow along with Oracle ATG Commerce Reference Store application check out flow. The override process will back up the original ATG CRS JSP files.

1. Once Product selection is complete, proceed to the Instance configuration step. CIM wizard would configure both ATG Publishing and ATG Production instances. Virtual Piggy related configuration is only applicable to ATG Production instance. Once ATG Production instance configuration is selected, CIM wizard would request the following Virtual Piggy configurations:
   1. Virtual Piggy Merchant ID
   2. Virtual Piggy API Key
   3. Transaction service URL (defaults to development.virtualpiggy.com/services/transactionservice.svc)
   4. Virtual Piggy one step merchant? [true or False]
   5. Merchant Captures Payment transactions [true or false]
2. CIM will save all Virtual Piggy configurations at

[%DYNAMO\_HOME%/servers/ [instance name selected as production]/localconfig/com/virtualpiggy/integration/services/VirtualPiggyServiceConfiguration.properties] as following

|  |
| --- |
| #Properties File created by CIM  #Tue Mar 26 16:37:03 PDT 2013  APIkey=Zynga123  merchantCapturesPayment=true  oneStepPaymentMerchant=true  merchantId=975FF0C9-7D5D-4BA2-9ECD-19C1D23591C6  trSrvcServerURL=https://development.virtualpiggy.com/Services/TransactionService.svc |

**Note**: User can modify the Virtual Piggy configuration properties file anytime without CIM wizard.

After that, you are ready for assembling an EAR and deploying it to your selected application server. You need to follow the steps given in the Oracle ATG CRS installation documentation for Database Configuration and Server Instance Configuration. Once these steps are completed, you may proceed to application assembly and deployment.

1. There is no Virtual Piggy related configurations during this step. User should validate to ensure CIM wizard has selected VirtualPiggyCommerce module as part of module list for EAR file to be generated. Following is an example of the module list:

