**Koros Install Guide**

The koros project is an online NastyGal store based on the hybris ecommerce platform.

**Project Setup**

1. Install [Gradle](http://www.gradle.org/downloads) to **D:\growthHub\gradle-1.11** directory. Hybris does not have any means to manage external dependencies. NG created using gradle script that does this for custom projects.
2. Checkout project from svn repository <http://epualviw0202.kyiv.epam.com:8443/svn/koros/> to **D:/NG/koros**.
3. Copy generated **gradle.properties** file located in **koros/system** directory to **~/.gradle** (**D:/.gradle**). This file contains credentials for authentication with NG artifactory.

Note: To access the NG artifactory repository you need access to the VPN. In case you do not have access to the NG VPN please *copy cached remote artifacts located in* ***koros/system/caches*** *directory to the* ***D:\.gradle****.*

1. Unzip the packaged hybris software of 5.0 version located in **koros/system** directory to **D:/NG/koros/hybris** directory (You can download the hybris suite from [hybris wiki](https://wiki.hybris.com/display/downloads/Download) as well).
2. In order to restore modified files overwritten by zip files please launch **revert** svn command on **D:/NG/koros/hybris** directory.
3. Run the gradle task (gradle installHybrisDependencies) to install the dependent library jars. In case you do not have access to NG VPN please launch **gradle installHybrisDependencies --gradle-user-home D:\.gradle –offline** command. *If you have issues related to installHybrisDependencies task please look* [*here*](http://forums.gradle.org/gradle/topics/how_to_create_an_escrow_build) *for solution.*

**Importing the Project into Eclipse**

Hybris officially supports the Eclipse IDE exclusively. The platform project and extensions come with Eclipse project files, so it is easy to import the projects into Eclipse.

The hybris wiki has [instructions](https://wiki.hybris.com/display/tr51/Trail+~+Preparation) for setting up an Eclipse workspace. Once you have completed checking out the koros project from SVN, unzipping the hybris package, and running Gradle to install dependencies, you should be able to import the projects into Eclipse.

1. Create a new, empty Eclipse workspace.
2. Right-click in the package explorer pane and select Import.
3. Select General/Existing Projects into Workspace.
4. Select the directory where you installed the project files.
5. Select the projects to import (see below)
6. Make sure that the Copy projects into workspace checkbox is NOT checked, and click Finish.
7. Prepare the Eclipse Ant view and load the platform/build.xml file.

The following projects appear to be necessary (just add others if and when you discover they are needed):

* acceleratorcms
* acceleratorfacades
* acceleratorservices
* addonsupport
* admincockpit
* backoffice
* basecommerce
* btg
* btgcockpit
* classificationsystems
* classificationsystemshmc
* cms2
* cms2lib
* cmscockpit
* cockpit
* commercefacades
* commerceservices
* config
* cscockpit
* customerreview
* cybersource
* hmc
* importcockpit
* ldap
* lucenesearch
* mcc
* merchandisecockpits
* merchandisecore
* merchandisefacades
* merchandiseinitialdata
* merchandisestorefront
* merchandisetest
* ngadmin
* ngfullfillmentprocess
* ngrestservices
* payment
* platform
* platformhmc
* platformwebservices
* productcockpit
* promotions
* reportcockpit
* solrfacetsearch
* solrfacetsearchhmc
* ticketsystem
* virtualjdbc
* voucher
* webservices
* wishlist

**Configure MySql database server**

Download MySql server 5.5.28 from <http://dev.mysql.com/downloads/mysql/>. Based on [hybris wiki](https://wiki.hybris.com/display/general/Third-Party+Compatibility+-+Release+5.0), hybris support MySql 5.5.

Modify my.cnf file to add hybris recommended settings. These are added in the # The MySQL server [mysqld] section.

character-set-server=utf8

innodb\_flush\_log\_at\_trx\_commit=0

**Create user and schema**

Create a user hybris\_user and schema hybris. Connect to mysql as root and run the following command

# Connect to DB

mysql --user root

# SQL statements for modifying DB

CREATE USER 'hybris\_user'@'localhost' IDENTIFIED BY 'resu\_sirbyh';

GRANT ALL PRIVILEGES ON \*.\* TO 'hybris\_user'@'localhost' WITH GRANT OPTION;

CREATE USER 'hybris\_user'@'%' IDENTIFIED BY 'resu\_sirbyh';

GRANT ALL PRIVILEGES ON \*.\* TO 'hybris\_user'@'%' WITH GRANT OPTION;

CREATE DATABASE hybris;

**Configure Hybris**

Edit project.properties with MySQL connection info. Notice, that schema (hybris) is specified in connection string.

db.url=jdbc:mysql://localhost:3306/hybris?useConfigs=maxPerformance

db.driver=com.mysql.jdbc.Driver

db.username=hybris\_user

db.password=resu\_sirbyh

Also make sure to comment out any HSQLDB settings which are further down in the project properties page.

**Initialize Hybris**

Make sure database is up and running. Start Hybris and Initialize.

**Import Data**

After you initialized the hybris system, make sure that server is up and running to start import data.

To import data execute the uploadFiles.sh file located in the koros/weblinc-data directory. *If you want to run \*.sh file under Windows system please use sh.exe in git directory.*