Pages / EIA Hybris Regional Codebase / Market Development

India Market Developer Manual Guide

Created by Raushan Kumar, last modified by Chad Teitsma on Dec 06, 2018

PART I

With this instruction you can deploy your own hybris installation manually, step by step. To do this actions with automation script, please visit this page.

1. Download Hybris 6.6.0.4: HYBRISCOMM6600P_4-70003031.ZIP
   https://dashboard.hybris.eia.amway.net/hybris/.
2. Delete everything except **hybris** folder.
3. Create project home (e.g. C:\projects\awin-eia)
4. Unpack artifacts to project home. They should create hybris structure (e.g. C:\projects\awin-eia\hybris\bin\platform)
5. Create directory **custom** (e.g. C:\projects\awin-eia\hybris\bin\custom) and do git clone https://github.com/AmwayEIA/lynx-in.git inside this directory. Ask your team lead which **<branch>** to use[preferred dev-dev branch].

```
git clone -b <branch> https://github.com/AmwayEIA/lynx-in.git c:\projects\awin-eia\hybris\bin\custom

for example (actual for 16.11.2018) git clone -b dev-dev https://github.com/AmwayEIA/lynx.git c:/projects/awin-eia/hybris/bin/custom
```

6. Create directory **config** (e.g. C:\projects\awin-eia\hybris\config) and do git clone https://github.com/AmwayEIA/lynx-config inside this directory. Ask your team lead which **<branch>** to use.

```
git clone -b <branch> https://github.com/AmwayEIA/lynx-config.git C:\projects\aweu-eia\hybris\config

for example (actual for 16.11.2018) git clone -b dev-dev https://github.com/AmwayEIA/lynx-in-config.git C:/projects/aweu-eia/hybris/c
```

PART II

1. Make sure that you have good java version (**java 8** for aweu-eia project). If you haven't, you able to download jdk distribution from storage server
   http://10.130.115.53/static-dev/
2. Create file **local.properties** in C:\projects\awin-eia\hybris\config, then copy all properties from \config\environments\dev.local.properties to \config\local.properties
   Check file local.properties :
   - solrserver.instances.default.autostart
     - set to **true** to start solar and make indexing during initialization (if it false you will not be able use storefront properly, but backoffice extension will work)
   - database:
     - you can use mysql or hsqldb, in dev.local.properties it is configured to use mysql.
     - If you want to use it before start you need to have runnig mysql server with db appropriately named and db.user configured according to **local.properties** file. **BUT:**
       - **initialization on embedded hsqldb could be faster in ~3 times, try to use it if it is too long on mysql (if it is ~40 minutes on mysql it could be ~15 minutes on hsqldb).**
       - **the restriction is that unlike mysql, hsqldb supports only one connection, so you have to stop server if you want to run initialization tests.**
     - To use hsqldb just comment properties starting from db. in local.properties file
3. Make sure that C:\projects\awin-eia\hybris\config exists **localextensions.xml**
4. Override **schema.xml** file in generated folder **bin/ext-commerce/solrserver/resources/solr/server/solr/configsets/default/conf** by file located in **config/solr_assets/configsets/default/conf**
5. update hosts Local environment hosts
6. Download, install and configure all necessary third-party components, such as mysql server, git tools, etc. Some of them you can find in storage server
   http://10.130.115.53/static-dev/
   Use - Install MySql, dump
7. Install nodejs (v8.9.4) and npm (v5.6.0)
8. **IF USING A MAC:** go to lynxbusinesscenteraddon/app and run 'npm install node-sass'
9. In C:\projects\aweu-eia\hybris\bin\platform
   setantenv.bat (once)
   ant addoninstall -Daddonnames="indcommercewebservicesaddon" -DaddonStorefront.ycommercewebservices="amwaycommercewebservices"
   ant npminstall
   ant customize
   ant clean
   ant all
10. start server and do init.
11. local storefront URL will be https://localhost:9002/?site=indsite
12. After build complete, start **hybrisserver.bat** and wait several minutes, until server will up. Now you can access it with http://localhost:9001 (or maybe http://localhost:9001/hac)
13. configure IDE
14. Ensure you have git username and email set up properly (**your email should resolve to github account you're going to use**)

india   dev   setup   developer   guide

8 Comments

Raushan Kumar
CC: @Hicham Loukili
@Pankaj Gautam
@Chad Teitsma
@Joe Kline

Joe Kline
@Sayan Chakraborty fyi

Sayan Chakraborty

I'm getting following error in ant all step. Any idea? I installed npm mode-sass with sudo command.

[exec] **ERROR in ./src/scss/main.scss**

  [exec] Module build failed: Error: Cannot find module 'node-sass'

  [exec]   at Function.Module._resolveFilename (internal/modules/cjs/loader.js:580:15)

  [exec]   at Function.Module._load (internal/modules/cjs/loader.js:506:25)

  [exec]   at Module.require (internal/modules/cjs/loader.js:636:17)

  [exec]   at require (internal/modules/cjs/helpers.js:20:18)

  [exec]   at Object.<anonymous> (/Users/aiudd75/Sayan/workspace/hybrisIndia/hybris/bin/custom/lynx-in/eiacore/lynxbusinesscenteraddon/app/node_modules/sass-loader/lib/loader.js:3:14)

  [exec]   at Module._compile (internal/modules/cjs/loader.js:688:30)

  [exec]   at Object.Module._extensions..js (internal/modules/cjs/loader.js:699:10)

  [exec]   at Module.load (internal/modules/cjs/loader.js:598:32)

  [exec]   at tryModuleLoad (internal/modules/cjs/loader.js:537:12)

  [exec]   at Function.Module._load (internal/modules/cjs/loader.js:529:3)

  [exec]   at Module.require (internal/modules/cjs/loader.js:636:17)

  [exec]   at require (internal/modules/cjs/helpers.js:20:18)

  [exec]   at loadLoader (/Users/aiudd75/Sayan/workspace/hybrisIndia/hybris/bin/custom/lynx-in/eiacore/lynxbusinesscenteraddon/app/node_modules/loader-runner/lib/loadLoader.js:13:17)

  [exec]   at iteratePitchingLoaders (/Users/aiudd75/Sayan/workspace/hybrisIndia/hybris/bin/custom/lynx-in/eiacore/lynxbusinesscenteraddon/app/node_modules/loader-runner/lib/LoaderRunner.js:169:2)

  [exec]   at iteratePitchingLoaders (/Users/aiudd75/Sayan/workspace/hybrisIndia/hybris/bin/custom/lynx-in/eiacore/lynxbusinesscenteraddon/app/node_modules/loader-runner/lib/LoaderRunner.js:165:10)

  [exec]   at /Users/aiudd75/Sayan/workspace/hybrisIndia/hybris/bin/custom/lynx-in/eiacore/lynxbusinesscenteraddon/app/node_modules/loader-runner/lib/LoaderRunner.js:173:18

  [exec] @ multi ./src/scss/main.scss

  [exec]

  [exec] **ERROR in ./src/app/los/list-view/downline.component.scss**

Raushan Kumar

Hi @Sayan Chakraborty,

is that your ant npminstall was successful? please also validate node version it should be specific which is mentioned in guidelines.

Warm Regards

Raushan

Sayan Chakraborty

I've node version -10.13.0 and npm version - 6.4.1. So you mean to install older versions and redo the steps? nodejs (v8.9.4) and npm (v5.6.0) ?

Chad Teitsma

@Raushan Kumar @Sayan Chakraborty this **[exec] Module build failed: Error: Cannot find module 'node-sass'** error is actually a build issue on Macs only (not sure exactly on root cause). Workaround is to perform step 8 I just added above: go to lynxbusinesscenteraddon/app and run 'npm install node-sass'

Raushan Kumar

Hi @Sayan Chakraborty,

I hope your issue got resolved now, if not do let us know.

Warm Regards

raushan

Sayan Chakraborty

@Raushan Kumar - Thanks. My issue is resolved with step#8.