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Cheat Sheet - Hot Folders

SAP Hybris Commerce | Speed up the implementation

Who uploaded this file?

Not sure who uploaded the csv file from front-end, using Hot folder as backend option?

Pass the username along with the filename and use the filename to read the user and append the user at run-time by creating one more column.

Hot Folder is Stuck!

Hot Folder stuck at one point, and you want to see the progress of the hot-folder upload.

Hot-folders ingest a file in a series of steps specified by the beans in the hot-folder-spring.xml.

Add loggers in each of the bean.

e.g. batchFilesHeader, batchExternalTaxConverterMapping…

Then you can see the status in the console logs.

XML with Hot Folders

Ever thought of using XML with hot folder. I understand, by default hybris Hot folder supports CSV formats, and you want to read a data in XML format?

You can achieve it in 2 steps.

1) change the file name reg-ex in your inbound-channel-adapter as :(filename-regex="^(.*)-(\d+).xml/pdf")

2) Override the ImpexTransformerTask and write the custom logic to transform your xml/pdf file into impex file.

Note: you can work with datahub as well.

Super-fast uploads

Want to upload bulk data in minimum possible time.

With this solution, you can load around 1 million records in less than an hour.

Modify below properties:

acceleratorservices.batch.impex.max-threads =24

impex.legacy.mode = true

impex.import.workers=9

Note: The optimum number of workers as suggested by hybris 2 x number of available cores in the system.

Handle Interceptor Exception

Getting InterceptorException, while adding category using hotfolder for checking current user.

The interceptor can be safely disabled as uploads are not lnked ot a user anyways.

```
<bean id="batchB2BCustomerConverter"
class="de.hybris.platform.acceleratorservices.dataimport.batch.converter.impl.DefaultImpexConverter">
  <property name="header">
    <value># Insert b2bCustomer

      INSERT_UPDATE
B2BCustomer[disable.interceptor.beans='B2BCustomerActivationInterceptor,B2BCustomerModelValidateInterceptor'] ; uid[unique=true];
email; name; title(code); groups(uid); sessionCurrency(isocode)[default='EUR'];
sessionLanguage(isocode)[default='de'];active[default='true']
    </value>
  </property>
  <property name="impexRow">
    <value>;{+0};{+1};{+2};{3};{+4};{5};{6};{7}</value>
  </property>
</bean>
```

Multiple Environment Configuration

Need to support multiple environments for hot-folder

Set the profiles property of the beans tag. Coma separated values are accepted if the configuration is to be kept same across multiple environments.