

ADDONS

What are Addons?

independent code which is integrated with storefront which can be plugged into any other applications.

Addons are frequently used in storefront

Topics :

<https://help.sap.com/viewer/b490bb4e85bc42a7aa09d513d0bcb18e/1808/en-US/8acbff4b866910148e4be4ac7412dc83.html>

Adons in Hybris

Difference between Extensions and Addons :

- Addons are mainly used for having some related logic to frontend. We don't use addons generally to have backend logic
- so these are independent and can be plugged either in b2c accelerator or b2b accelerator.
- Extensions are having complex functionality
- addons are copied to the Storefront when i do ant clean all ,all the code in addons is copied into storefront folder.
- when we do migrate hybris version and do name changes in core API like productfacade method to review facade.

productfacade - products

productface.reviewProduct

reviewfacade - review
reviewfacade.reviewall

during hybris upgrade migration

we have to match our code with hybris is upgrading into core logic
so extensions code is dependent on the logic of core platform code and we need to match our code with core logic written in the platform files.

so extension logic is dependent on hybris core logic

but with adons - no worry

independent functionality

if higher version , that code can be simply copied into new code . and is related to front end logic and can be plugged.

addons are always copied into storefront

different addons :

- feedbackaddons
- trackingaddons
-

when i create a addons i can mention that i need to plugin in this particular storefront.

addons is also extension.

Example : training --> trainingstorefront --> web --> addonsrc

```
..  
<extension name="addonsupport"/>  
...  
=====
```

An addOn (fully named “Hybris Commerce Accelerator AddOns“) extend the Commerce Accelerator without touching its codebase. From a technical perspective an addon is a regular extensions but at build time its codebase is copied inside target extensions to become a part of the extension itself.

Extensions are self-contained independent packages, add-ons are not. In general terms, an extension is the larger unit. You can use add-ons to enhance functionality in an extension but not vice versa.

During the build process, the system copies files from the acceleratoraddon folder to the web folder of the target extension.

AddOns allow you to extend storefront extensions without having to modify the extensions directly. AddOn extensions are similar to regular extensions, but they allow you to add front-end related items (such as JSP files, CSS files, and images) without requiring you to build the platform. You can also add new Java code to the target extension, but that requires building the platform. The front-end items are stored in the acceleratoraddon folder of an AddOn.

The structure within the acceleratoraddon folder mirrors the folder structure within the web folder, which contains the front-end components of a regular extension.

How to create Addon?

```
command : C:\Users\ashwi\Hybris2211\CXCOMCL221100P\hybris\bin\platform  
setantenv.bat  
ant extgen
```

```
ant addoninstall -Daddonnames="amantestaddon" -  
DaddonStorefront.storefrontTemplateName="trainingstorefront"
```

How to un install an addons :

```
ant addonuninstall -Daddonnames="AddOnName1,AddOnName2" -  
DaddonStorefront.<storefrontTemplateName>="Storefront1,Storefront2"
```

```
ant addonuninstall -Daddonnames="amantestaddon" -  
DaddonStorefront.storefrontTemplateName="trainingstorefront"
```