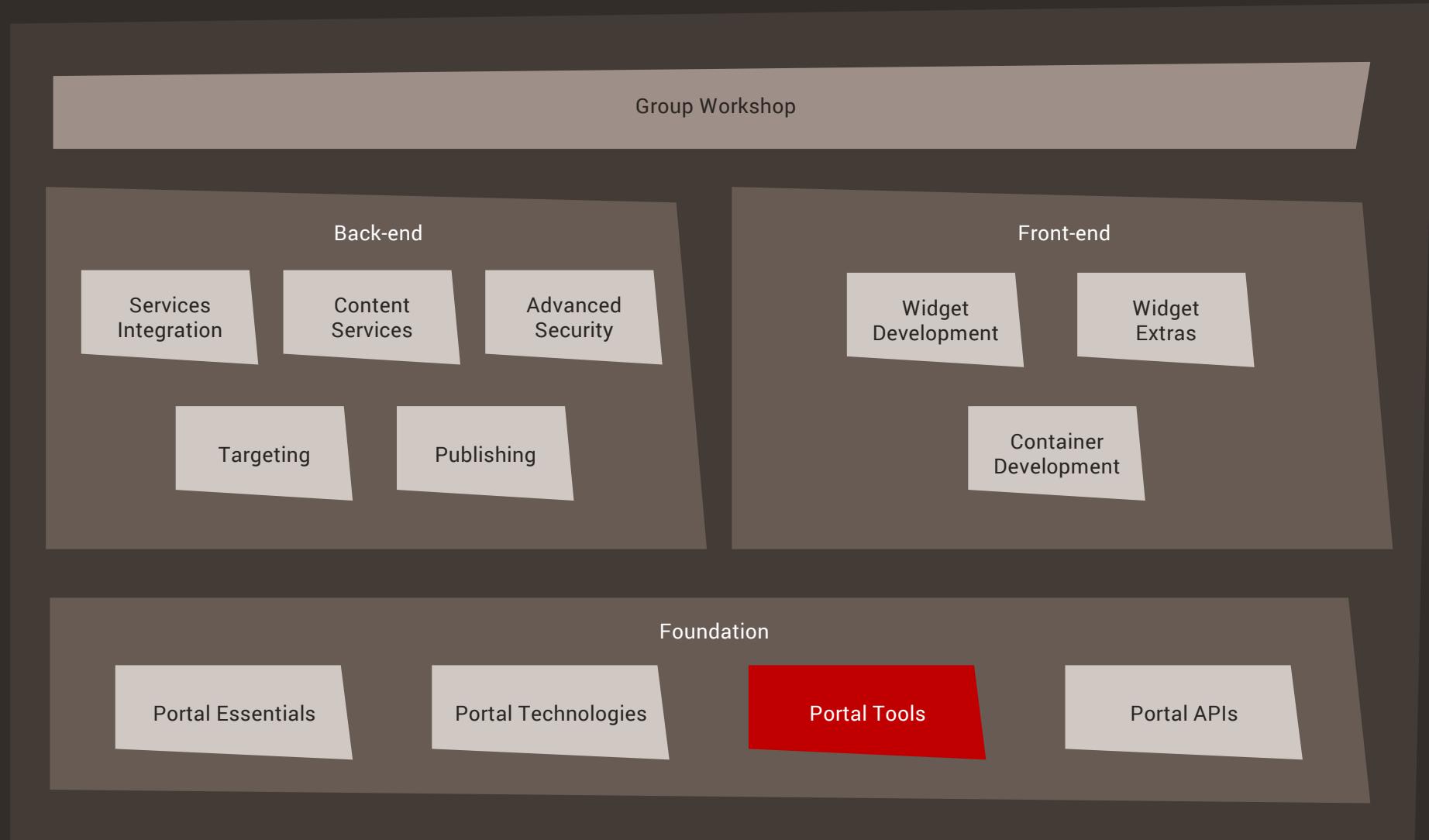


Portal Tools

Focus Area: Foundation

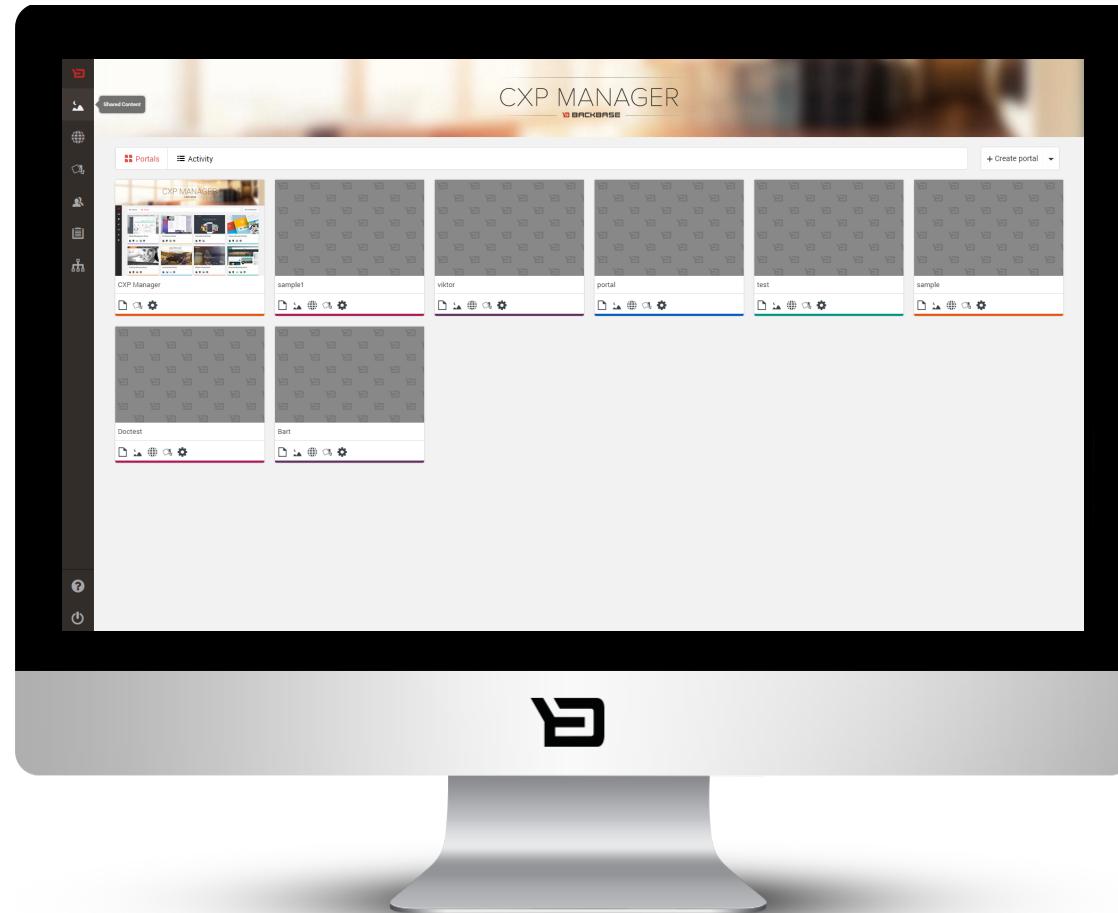




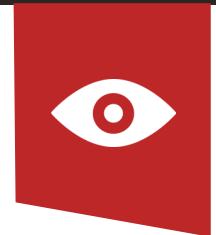
1. Become familiar with the CXP Manager
 - Managing catalogs,
 - Managing pages, layouts, and widgets
 - Managing portal rights
2. Become familiar with the CXP Explorer
3. Become familiar with command line interfaces

CXP Manager

Portal Tools



The image shows a computer monitor displaying the CXP Manager interface. The interface has a dark header with the text "CXP MANAGER" and the BACKBASE logo. Below the header is a toolbar with icons for "Portals" and "Activity". The main area is titled "Portals" and shows a grid of portal thumbnails. One thumbnail is highlighted with a red border and labeled "CXP Manager". Other thumbnails include "sample1", "viktors", "portal", "test", "sample", "Bart", and "Doe-test". Each thumbnail has a set of small icons below it. On the left side of the screen, there is a vertical sidebar with icons for "Shared Content", "Portals", "Activity", "Users", "Groups", "Content", and "Logs". At the bottom of the monitor, there is a silver base with the BACKBASE logo.



The screenshot shows the CXP Explorer interface running in a web browser. The left sidebar contains navigation links for Portals, Items, Catalog, Templates, Links, Repositories, and Shared Repositories. The main area displays a list of items under the 'Items' category, with one item selected: 'container_41bb7702-760d-4011-a8ff-145d5ebaa88f'. This item is shown in a detailed view on the right, with tabs for FILES, PROPERTIES, PERMISSIONS, INHERITANCE, and TAGS. The PROPERTIES tab is active, showing the following details:

Property	Label
Name	container_41bb7702-760d-4011-a8ff-145d5ebaa88f
Context	ipmobile
Brand	Manageable_Area_BankPage
Event	index
SecurityProfile	ADMIN

At the bottom right of the properties view are buttons for SAVE, CANCEL, and REFRESH.

bb-cli

An introduction to the command-line interface

CXP has a **command line tool**, allowing you to automate and simplify your daily workflow by providing convenience methods, such as:

- Scaffolding widgets and containers
- Packaging and deploying collections

Creating your first widget using [Launchpad](#)



Installation: <https://github.com/Backbase/bb-cli>

Using the command `bb generate`, you can scaffold a variety of items, like widgets and containers.

Format:

```
bb generate <template>
```

Example:

```
bb generate widget-lp:
```

Will generate a new subfolder containing all widget resources (html, JS, and model descriptor).

Creating your first widget using [Widget Collection 2.x](#)



Using the command `bb-generate`, you can scaffold a variety of items, like widgets and containers.

Format:

bb-generate <template>

Example:

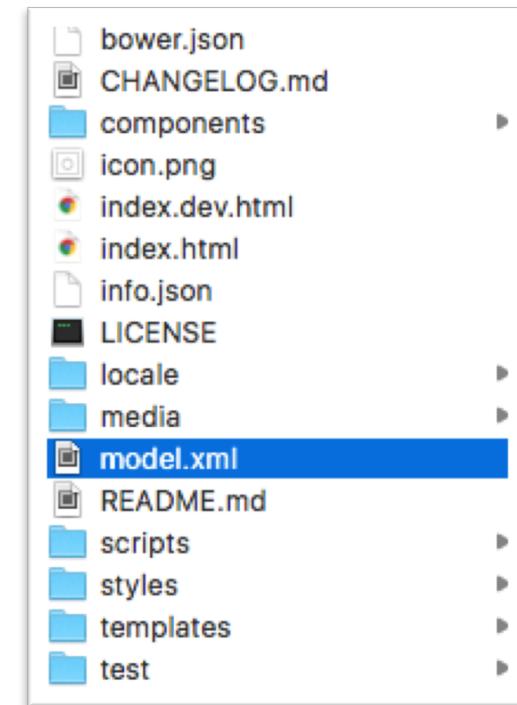
bb-generate widget ng

Will generate a new subfolder containing all widget resources (html, JS, and model descriptor).

Packaging and Importing Items

Portal Tools

- A catalog item is packaged in a zip file
- All items have a descriptor (model.xml)
- The descriptor specifies the **Object Model** of the item



- Using CXP Manager:
 - Create a zip file containing your resources
 - The *model.xml* descriptor must be at the root of your archive
 - Click on the  button in the top left corner of the *Enterprise Catalog* interface
 - Drag & drop your zip file onto the file area
- Using the command line tool

Importing your widget using [Launchpad](#)



Format:

bb import-item [options]

Examples:

bb import-item

Will import the item into the enterprise catalog

bb-import-item -W

Auto-import option, watching for file changes

Importing your widget using **Widget Collection 2.x**



Format:

bb-package [folder]

bb-import [package zip file]

Examples:

bb-package .

Will package all of the items in the current folder

bb-import package.zip

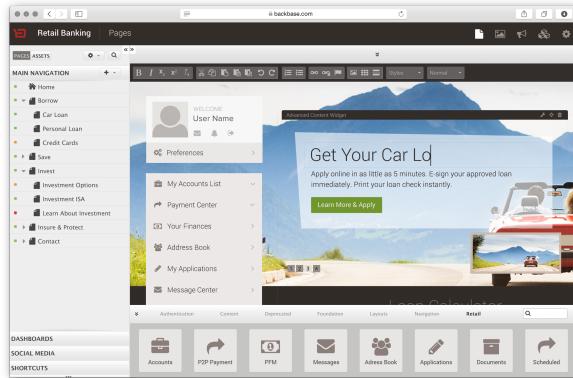
Will import the package.zip file into CXP

Exporting and Importing Portals

Portal Tools

- Portals can be exported from one CXP environment and imported into another
- What is exported?
 - The entire portal structure (e.g. pages, containers, widgets, external links, headers, aliases, etc...)
 - Content items
- What is not exported?
 - JSP/SOY templates, widget chrome templates, widget definitions, JavaScript, and CSS files

Interfaces



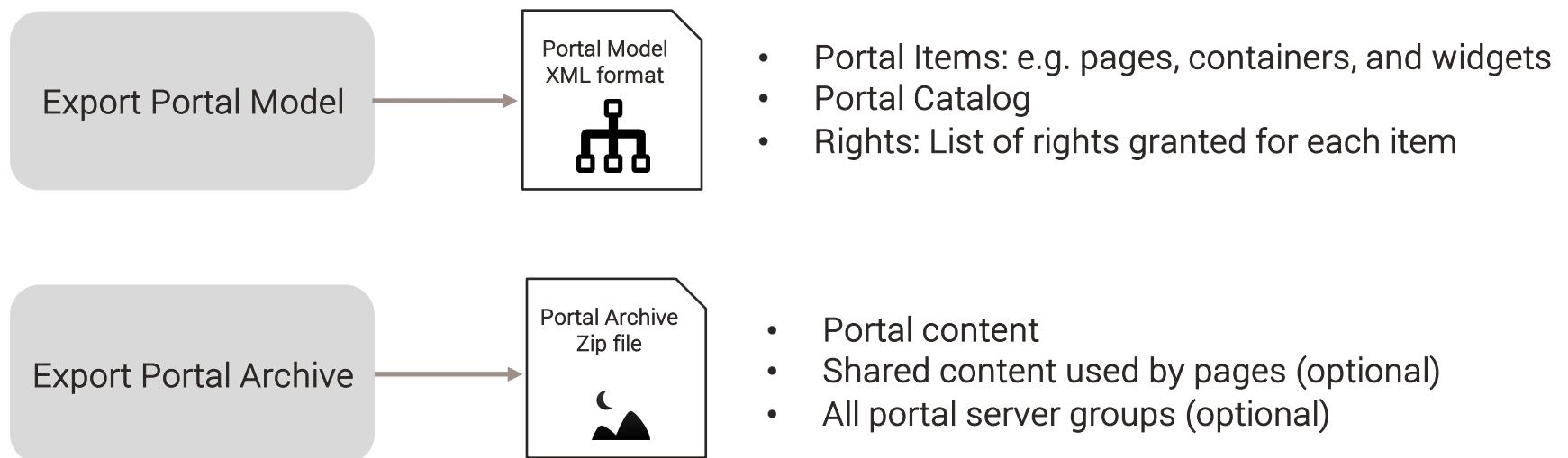
CXP Manager



REST API

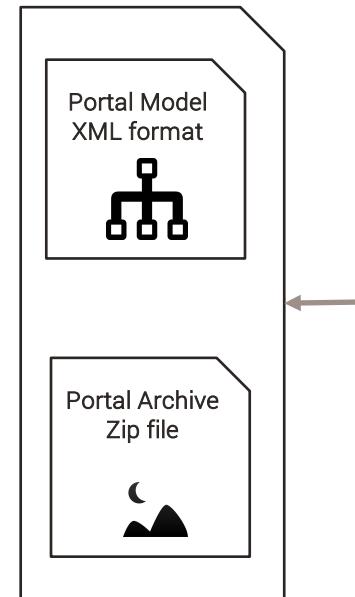


Command Line



Export Portal Model

Export Portal Archive



CXP Manager

EXPORT PORTAL: ACME-BANK

The exported zip file contains the portal Model (portal settings, permissions, pages, links, layouts and widgets) and portal Content (images and copy residing in the portal repository). It does not include resources.

Export options

Shared content

NO

Include content from shared Content Repositories (Content from the portal's own Content Repository is always included).

Groups

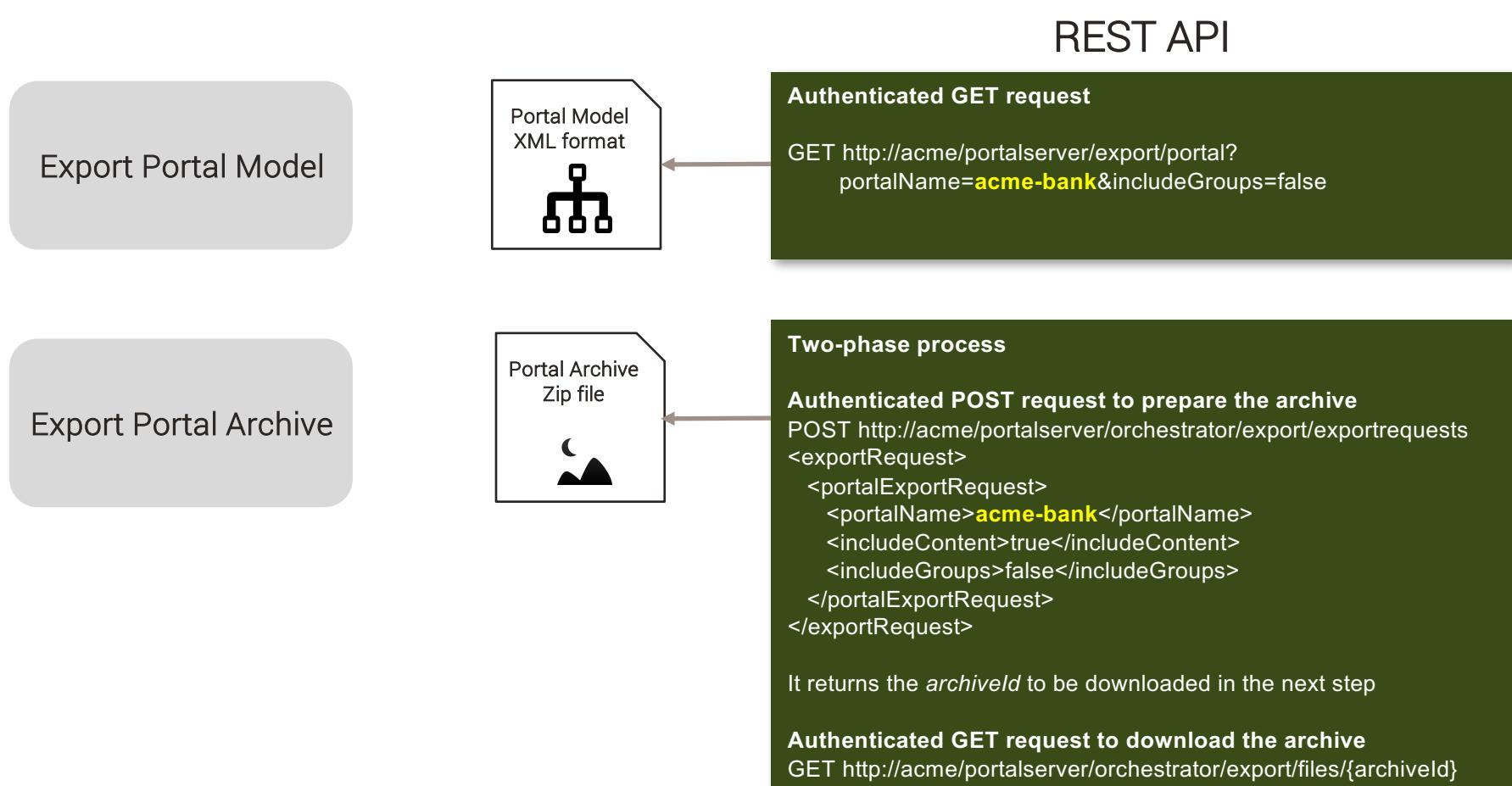
NO

Include all portal server groups

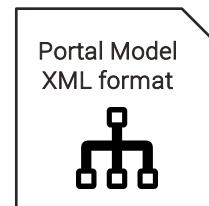
Notes:

- To import this portal on another environment, place the package file in the standard import folder, or the auto import folder.
- Note that the Application configuration and the WAR with JSP-templates and other resources are not included. Deploy those artifacts separately.
- The maximum size is 10000 model items.
- Note that this prepares for a full deployment, not an incremental deployment.

EXPORT OR CANCEL



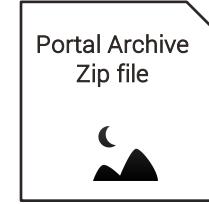
Export Portal Model



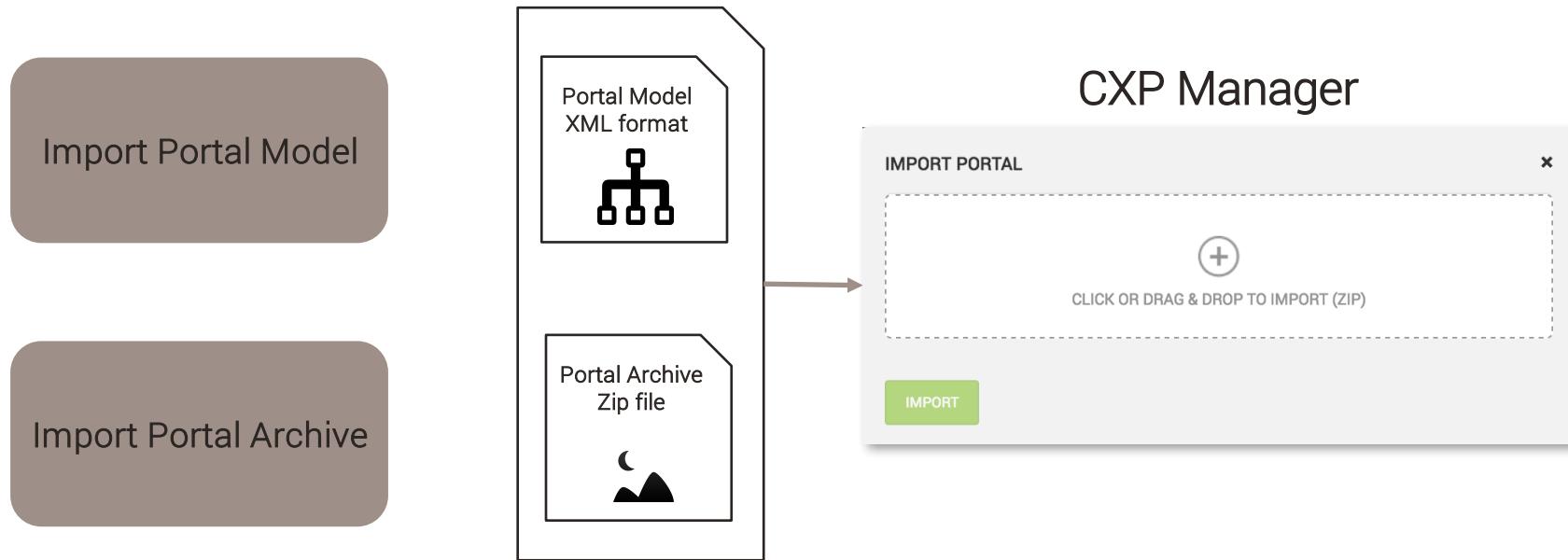
Command-line

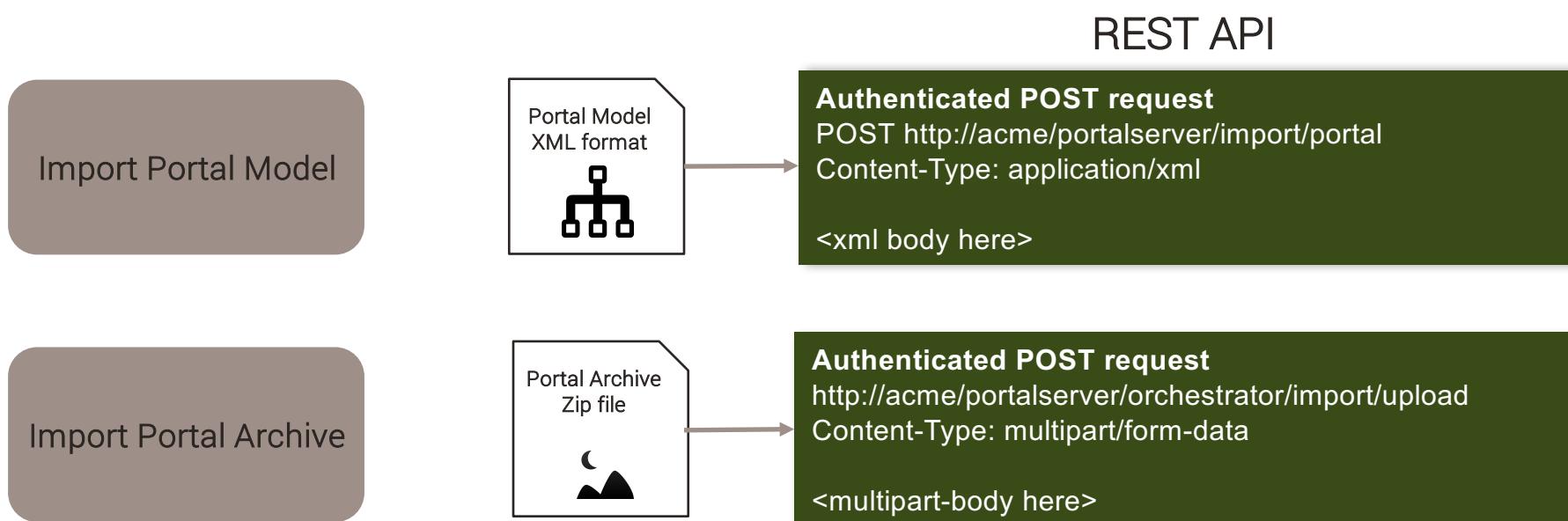
```
$> java -jar importer-5.6.x.x-jar-with-dependencies.jar  
export-portal-model -i acme-bank -f acme-bank.xml  
-s http://acme/portalserver  
-u admin -p adminpwd
```

Export Portal Archive

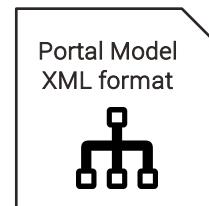


```
$> java -jar importer-5.6.x.x-jar-with-dependencies.jar  
export-portal -i acme-bank -f acme-bank.zip  
-s http://acme:8083/orchestrator  
-u sys2sys -p sys2syspwd -C
```





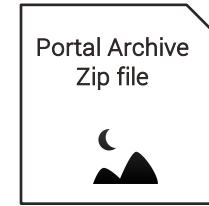
Import Portal Model



Command-line

```
$> java -jar importer-5.6.x.x-jar-with-dependencies.jar  
import-portal-model -f acme-bank.xml  
-s http://acme/portalserver  
-u admin -p admin
```

Import Portal Archive



```
java -jar importer-5.6.x.x-jar-with-dependencies.jar  
import-archive -a acme-bank.zip  
-s http://acme:8083/orchestrator  
-u sys2sys -p sys2sys
```

1. CXP Manager is ideal for Business Users
2. CXP Explorer, easier for technical users to work with the Portal
3. CXP provides a command-line interface for automation
4. CXP has different interfaces for importing or exporting portals

Thank you!

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