

# How to transport portal objects between application servers



## Applies to:

SAP Enterprise Portal. For more information, visit the [Portal and Collaboration Homepage](#)

## Summary

This article gives the step-by-step information about how to transport portal objects between application servers.

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## Author Bio



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## Introduction

This document describes how to transport portal objects (for example roles, worksets, pages, iViews).

Transport is a service allowing the exchange of objects between application servers. It consists of two separate processes : export and import of objects..

## Procedure

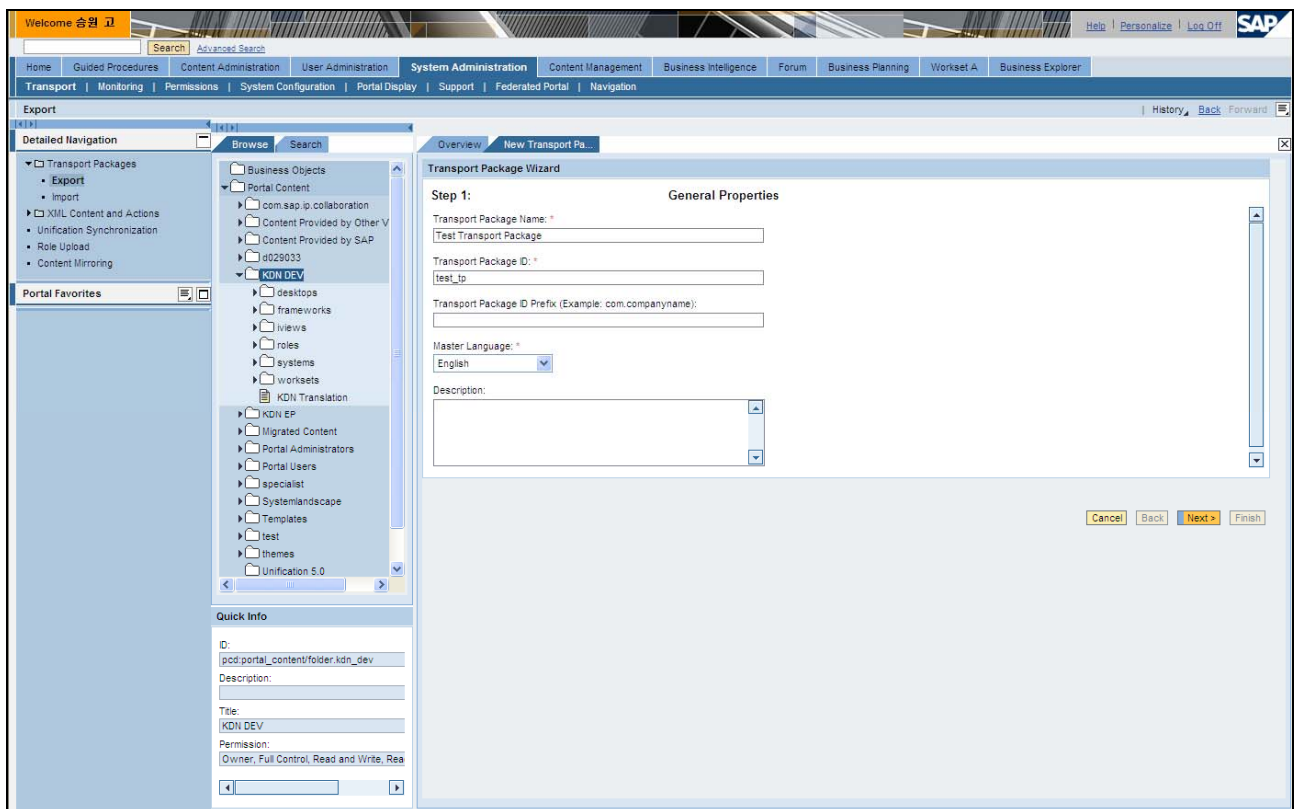
1. Creation of an EPA Archive for the Portal Export.
2. Import and Deployment

### Creation of an EPA Archive for the Portal Export

**EPA is a format Enterprise Portal Archive.**

#### Creating a Transport Package.

1. Navigate to System Administration > Transport > Transport Packages > Export
2. Place the cursor on a folder in the Portal Catalog and with the secondary mouse key choose **New > Transport Package**
3. In Step1, "General Properties", Enter the following :  
 Transport Package Name = Test Transport Package  
 Transport Package ID = test\_tp  
 Transport Package ID Prefix (optional)  
 Master Language (your language)  
 Description (optional)



4. Choose **Next** to view the Summary page where you can check the entries you made

5. Choose **Finish** to generate the package
6. Select **Open the object** for editing and choose **OK**

The screenshot displays the SAP NetWeaver Portal Administration interface. The main window is titled 'Overview Test Transport P...'. At the top, there are buttons for 'Save', 'Close', 'Refresh', 'Edit Mode', and 'Export', along with a 'Display:' dropdown set to 'Static Content'. Below this is a table titled 'Static Package Content' with columns for 'Object Type', 'Name', and 'ID'. The table contains one entry: 'Test Transport Package' with ID 'test\_tp'. Below the table are navigation buttons: 'Remove', 'Properties', and 'Object Preview', and a status indicator 'Line 1 / 1'. To the right of the table is a 'Property Editor - Test Transport Package' panel. It features a 'Property Category:' dropdown set to 'Show All'. The editor contains several fields: 'Changed By' (epadm02), 'Created At' (9/26/2008), 'Created By' (epadm02), 'Delta Link State' (-1), 'Description' (empty), 'Last Date Changed' (9/26/2008), 'Master Language' (en), 'Object Type' (com.sapportals.portal.transport.TransportPackage), 'PCD Location' (portal\_content/folder.kdn\_dev/test\_tp), 'Person Responsible' (epadm02), 'References Filter' (empty), 'Resolve References \*' (radio buttons for Yes and No, with 'No' selected), 'Title' (Test Transport Package), and 'Transport Mode \*' (dropdown set to 'data').

Object Type	Name	ID
	Test Transport Package	test_tp

Property Editor - Test Transport Package

Property Category: Show All

Changed By: epadm02

Created At: 9/26/2008

Created By: epadm02

Delta Link State: -1

Description:

Last Date Changed: 9/26/2008

Master Language: en

Object Type: com.sapportals.portal.transport.TransportPackage

PCD Location: portal\_content/folder.kdn\_dev/test\_tp

Person Responsible: epadm02

References Filter:

Resolve References \*  Yes  No

Title: Test Transport Package

Transport Mode \*: data

## Filling a Transport Package with Content.

1. Navigate to System Administration > Transport > Transport Packages > Export
2. You can add individual objects or entire folder hierarchies with the objects they contain.

Place the cursor on the object or a folder in the Portal Catalog and with the secondary mouse key choose **Add <object or all objects> to transport package**

The screenshot displays the SAP Portal Administration interface. On the left, a tree view shows the 'Portal Content' structure, with 'KDN DEV' selected. A context menu is open over 'KDN DEV', with 'Add all objects to transport package' highlighted. The main area shows a table of 'Static Package Content' with columns for Object Type, Name, and ID. The table lists various objects like 'BIT-Code', 'desktops', 'ECC T-Code', etc. On the right, the 'Property Editor - Test Transport Package' is visible, showing fields for 'Changed By', 'Created At', 'Created By', 'Delta Link State', 'Description', 'Last Date Changed', 'Master Language', 'Object Type', 'PCD Location', 'Person Responsible', 'References Filter', 'Resolve References', 'Title', and 'Transport Mode'.

Object Type	Name	ID
	BIT-Code	bitcode
	desktops	desktops
	ECC T-Code	eccctcode
	KDN DEV	folder.kdn_dev
	frameworks	frameworks
	test	iview.test
	Activity Report	iview.activity_report
	BI Data	iview.bidata
	Daum	iview.daum
	Forum	iview.forum
	Forum Administration	iview.forum_admin
	Initiate Forum Admin	iview.init_forum_admin
	Naver	iview.naver
	Yahoo	iview.yahoo
	iviews	iviews

3. You can add all the dependent objects (for example delta link objects, par file you developed). If you want, click 'Yes' **Resolve References** of Property Editor

4. Choose **Export**

Overview **Test Transport P...**

Objects to Display: All Object Types

**Export Preview**

<input type="checkbox"/>	Object Type	Name	ID	Location	Status
<input type="checkbox"/>		BI T-Code	bitcode	pcd:portal_content/folder.kdn_dev/iviews	Available
<input type="checkbox"/>		desktops	desktops	pcd:portal_content/folder.kdn_dev	Available
<input type="checkbox"/>		ECC T-Code	ecctcode	pcd:portal_content/folder.kdn_dev/iviews	Available
<input type="checkbox"/>		KDN DEV	folder.kdn_dev	pcd:portal_content	Available
<input type="checkbox"/>		frameworks	frameworks	pcd:portal_content/folder.kdn_dev	Available
<input type="checkbox"/>		test	iview.test	pcd:portal_content/folder.kdn_dev/iviews	Available
<input type="checkbox"/>		Activity Report	iview.activity_report	pcd:portal_content/folder.kdn_dev/iviews	Available
<input type="checkbox"/>		BI Data	iview.bidata	pcd:portal_content/folder.kdn_dev/iviews	Available
<input type="checkbox"/>		Daum	iview.daum	pcd:portal_content/folder.kdn_dev/iviews	Available
<input type="checkbox"/>		Forum	iview.forum	pcd:portal_content/folder.kdn_dev/iviews	Available

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Exclude **Reset** Object Preview

Transport Method: File System

Export To: H:\usr\sap\EPD\SYSGlobal\pcd\Export **Browse...**

File Name: \* test\_tp\_20080926\_094046.epa

**Cancel** **Start Export**

## 5. Enter the File Name you want.

6. Choose **Start Export**. A new screen appears which shows the status of the export

**Export Status**

Status: Export finished. It took 781 milliseconds.

[Download Export File](#)

Start Time	Status	ID
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/desktops
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/desktops/kdn_desktop
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/frameworks
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/frameworks/kdn_frameworkpage
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/iviews
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/iviews/bitcode
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/iviews/ecctcode
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/iviews/IView.test
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/iviews/iview.activity_report
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/iviews/iview.daum
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/iviews/iview.forum
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/iviews/iview.forum_admin
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/iviews/iview.init_forum_admin
오전 9:49:55	Available	pcd:portal_content/folder.kdn_dev/iviews/iview.naver
오전 9:49:55	Available	pcd:portal_content/folder.kdn_dev/iviews/iview.yahoo
오전 9:49:55	Available	pcd:portal_content/folder.kdn_dev/kdn_translisation
오전 9:49:55	Available	pcd:portal_content/folder.kdn_dev/roles
오전 9:49:55	Available	pcd:portal_content/folder.kdn_dev/roles/role.forum
오전 9:49:55	Available	pcd:portal_content/folder.kdn_dev/roles/role.rolea
오전 9:49:55	Available	pcd:portal_content/folder.kdn_dev/roles/role.roleb
오전 9:49:55	Available	pcd:portal_content/folder.kdn_dev/systems
오전 9:49:55	Available	pcd:portal_content/folder.kdn_dev/systems/system.ecc_ecd
오전 9:49:54	Available	pcd:portal_content/folder.kdn_dev/test_tp
오전 9:49:55	Available	pcd:portal_content/folder.kdn_dev/worksets

7. Choose **Download Export File**

## Import and Development

This scenario describes how to import portal content objects that were combined in an EPA archive by the export process into another portal system.

1. Navigate to System Administration > Transport > Transport Packages > Import
2. Check Client of **Source for Package Files**
3. Select your EPA file on the client using **Browse**

The screenshot shows the SAP System Administration interface for the 'Import' function. The navigation pane on the left includes 'Transport Packages' > 'Import'. The main content area shows the 'Import' configuration. The 'Source for Package Files' is set to 'Client'. The supported file types are 'EPS 0 (\*.zip), EP8 0 (\*.epa)'. The file input field contains 'D:\test\_tp\_20080926\_094805.epa'. Below the input field is an 'Import Preview' table with the following structure:

ID	Location

At the bottom of the interface, the 'Content to be Overwritten' dropdown is set to 'All', and there is an 'Import' button.



4. Choose **Upload**

Source for Package Files:  Client  Server

Supported File Types: EP5.0 (\*.zip), EP6.0 (\*.epa)

File:

Import Preview	
ID	Location
bitcode	pcd:portal_content/folder.kdn_dev/iviews
desktops	pcd:portal_content/folder.kdn_dev
ecctcode	pcd:portal_content/folder.kdn_dev/iviews
folder.kdn_dev	pcd:portal_content
frameworks	pcd:portal_content/folder.kdn_dev
iVew.test	pcd:portal_content/folder.kdn_dev/iviews
iview.activity_report	pcd:portal_content/folder.kdn_dev/iviews
iview.daum	pcd:portal_content/folder.kdn_dev/iviews
iview.forum	pcd:portal_content/folder.kdn_dev/iviews
iview.forum_admin	pcd:portal_content/folder.kdn_dev/iviews

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Content to be Overwritten:

5. Start the import with **Import****Result**

The imported objects are created in the same Portal Catalog folder in the target system as in the source system. Since you can export entire folder hierarchies, the folder hierarchies are built analogously in the target system during import. All the attributes of a folder are included in the export, and therefore exist in the target system after the import.

## Related Content

[http://help.sap.com/saphelp\\_nw70/helpdata/en/c5/56599164d0c04cb566ba0e2d7ed55c/frameset.htm](http://help.sap.com/saphelp_nw70/helpdata/en/c5/56599164d0c04cb566ba0e2d7ed55c/frameset.htm)

For more information, visit the [Portal and Collaboration Homepage](#)

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