

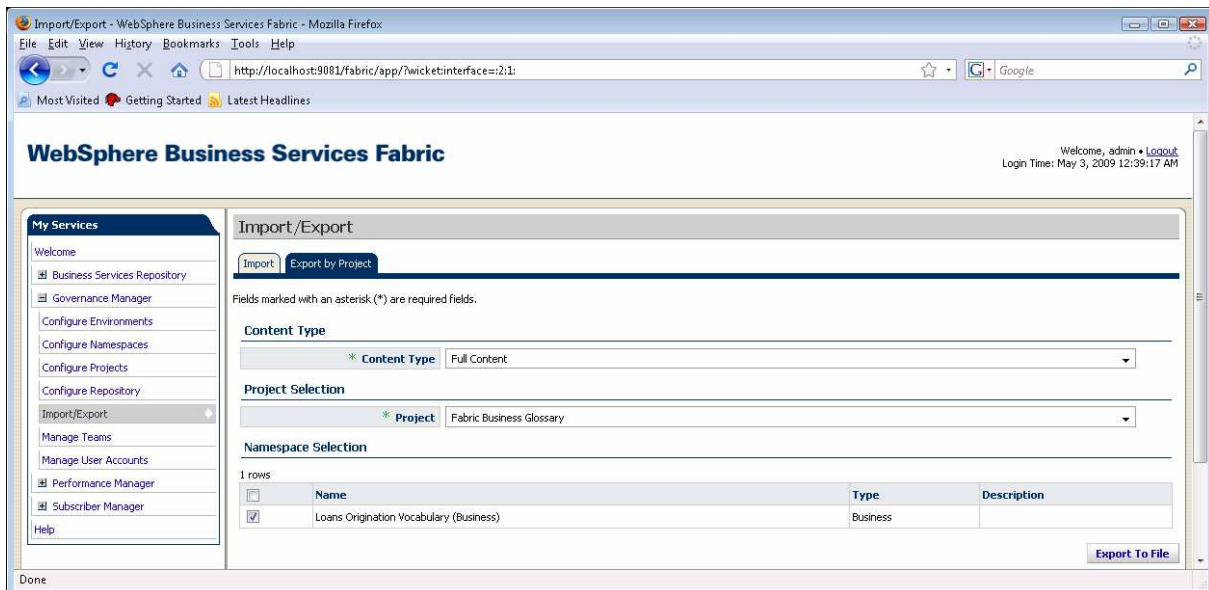
## Chapter 10 – Moving the solution to a new environment

When moving a solution from one environment to another, it is important to remember that the content authored in business space and Composition Studio lives in a repository used by the server. It is necessary to export the content from one server and import it into another.

### Exporting and importing Fabric content archives

Each application and business service will have an associated Fabric project that can be exported as a special compressed file (Fabric Content Archive) using the Fabric Administrative Console. Vocabularies each have a dedicated namespace within the Fabric Business Glossary project.

1. Log into the Fabric Administration Console. Using the menu on the left, go to Governance Manager-> Import/Export and select the Export by Project tab. Select the Fabric Business Glossary project and select the namespace within it that holds the Loans Origination vocabulary.

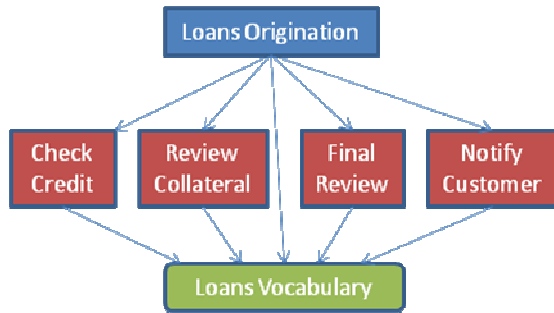


The screenshot shows the 'Import/Export' console in a Mozilla Firefox browser. The page title is 'WebSphere Business Services Fabric'. The user is logged in as 'admin' and the login time is 'May 3, 2009 12:39:17 AM'. The left sidebar contains a 'My Services' menu with 'Import/Export' selected. The main content area has two tabs: 'Import' and 'Export by Project'. The 'Export by Project' tab is active. Below the tabs, there are three sections: 'Content Type' with a dropdown set to 'Full Content', 'Project Selection' with a dropdown set to 'Fabric Business Glossary', and 'Namespace Selection' which contains a table with one row: 'Loans Origination Vocabulary (Business)' with a checked checkbox. An 'Export To File' button is located at the bottom right of the table.

	Name	Type	Description
<input checked="" type="checkbox"/>	Loans Origination Vocabulary (Business)	Business	

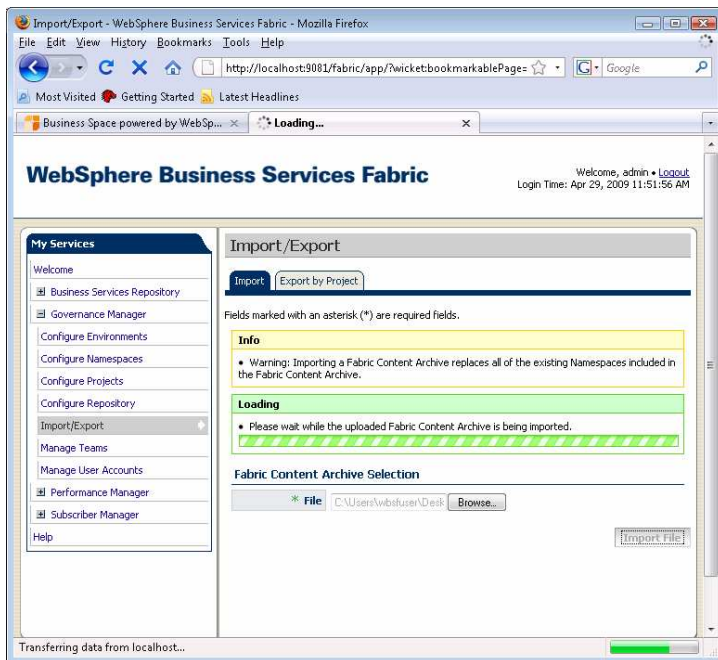
2. Click Export to File to save a compressed file containing the contents to disk.
3. Export the Fabric project for each of the business services and applications in the solution.

While the export can be performed in any order, the same is not true for import. The system will fail to import an archive that has unsatisfied dependencies on content in other fabric projects. For the Loan Origination solution, dependency graph is as follows:



On a new system, it is necessary to import the vocabulary first, followed by the business service, followed by the application itself. Because of this, it is helpful to name exported projects so that someone else knows in what order to import them.

Use the import tab to import Fabric archives in the correct order.



When a Fabric project is imported, any existing content in the imported namespaces is replaced with the incoming content. The system will automatically publish such changes to the runtime partition.

## Business Space configuration

The export of FCAs does not carry configuration of Business Spaces from one environment to another. Business spaces should be configured differently on a test machine versus a production environment. It is necessary to create new spaces using the Fabric templates on the new environment. After this is done, the Fabric Administration space is the only space that shows the imported business space content. Just as you did in the last section, use the Add Space button to define what spaces can use which object.

Business Space powered by WebSphere - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://localhost:9444/BusinessSpace/banner.jsp#

Business Process Choreographer Ex... Team Details - WebSphere Business... Business Space powered by Web...








Your Business Space Welcome aeverest | Help | Logout

Fabric Administration Manage Business Spaces

Business Service Lifecycle Management Governance Application Details Business Service Details Vocabulary Details New Page Add Widgets

Business Service Lifecycle Management

Type to filter Show: All

Name	Type	Created By	Tags	Last Modified
 Loan Origination	Application	Ismith	none	no modifications made
 Check Credit	Business Service	Ismith	none	Mar 25, 2009 2:19:12 AM by Ismith
 Final Review	Business Service	Ismith	none	Mar 25, 2009 10:37:00 AM by Ismith
 Notify Customer	Business Service	Ismith	none	Mar 25, 2009 10:41:33 AM by Ismith
 Review Collateral	Business Service	Ismith	none	Mar 25, 2009 10:29:03 AM by Ismith
 BPM Vocabulary	Vocabulary	system_user	none	no modifications made
 Loans Origination Vocabulary	Vocabulary	Ismith	none	no modifications made

Spaces authorized to edit the selected element

- Loans Origination Authoring
- Loans Origination Policy Management

Add Space Remove Space

IBM. powered by WebSphere. Done localhost:9444