



Export a RAS asset

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Export a RAS asset

This tutorial guides you through the steps to export a RAS asset to a local file system. You can use a RAS asset to export and share files for many different purposes.

The RAS asset uses a zipped format so you can easily select one or more projects or files, export them quickly using default settings, and then send them by e-mail to a co-worker. Or, you may have a large framework of patterns that you have been working on for months that uses callouts, code templates, and many support and documentation files. For this project, you would probably want to take time to carefully document and construct the RAS asset for efficient use by the RAS asset consumer. Both types of scenarios are supported in the RAS asset process.

To complete this tutorial, you will need approximately 10 minutes.

Related information

[View the PDF version](#)

Export a RAS asset introduction

You can export one or more entire projects or you export one or more individual files. Doing so simplifies the process of sharing solutions with other users because you use a convenient and consistent methodology to organize, document, share, store, and restore the solution.

Learning objectives

This tutorial is divided into two exercises. The beginning exercise helps you to set up the environment needed to export an asset. After the environment is set, you will learn how to export an asset to a directory on your local filesystem.

This tutorial should take approximately 10 minutes to finish. If you explore other concepts related to this tutorial, it could take longer to complete.

Skill level

Advanced.

Audience

The intended audience for this tutorial is developers.

Prerequisites

In order to complete this tutorial end to end, you should be familiar with the following tasks and concepts:

- Using the perspectives and views of the Eclipse Java IDE
- Eclipse preferences

Lesson 1: Importing the sample and setting up

In this exercise, you will download a project from the Samples Gallery and set up the RAS environment.

Obtaining the sample asset to publish

Obtain the sample that will be used to perform the RAS export from the Samples Gallery.

The sample consists of a project named RAS Export Sample. It will be downloaded onto your workspace and open in the Navigator view.

Activating the Reusable Asset Management capability

Begin by customizing your workbench, using these steps:

1. Click **Window** → **Preferences** to display the Preferences window.
2. Expand **Workbench** and click **Capabilities**.
3. In the right pane, select the **Reusable Asset Management** check box.
4. Click **OK**.

Opening the RAS perspective

The RAS perspective is designed specifically for people working with reusable assets.

To open the RAS perspective:

1. Click **Window** → **Open Perspective** → **Other**.
2. In the Select Perspective window select RAS (Reusable Assets) and click **OK**. You may need to select the **Show all** check box if you do not see the RAS (Reusable Assets) choice.

Now you are ready to begin “Lesson 2: Exporting the RAS asset.”

Lesson 2: Exporting the RAS asset

This exercise shows you how to export a RAS asset to a directory on your local file system.

Show Me

Exporting the asset

First, verify that the RAS Export Sample project successfully loaded in exercise 1 by looking in the Navigator view.

1. Click **File** → **Export**. The Export wizard opens.
2. Click **RAS Asset** and click **Next**.
3. On the RAS Asset (location and manifest) page, do one of the following:
 - Type the complete path name and file name for the destination.
 - Browse to the destination for the asset, type a file name, click **Save**.
4. Under **Manifest**, be sure **Create a custom manifest** is selected. During the export process, a default manifest file is created. If you wanted to use an existing manifest file, you would select the other option. Under **Options**, notice that **Bundled** is selected. By default, this is the only storage option available for exporting assets.
5. Click **Next**. The RAS Asset Description page opens.
6. Use this page to describe and document various aspects of your RAS asset. These descriptions become part of your RAS asset’s manifest file, and the information is used to match a search for your asset when it is located in a repository. The wizard provides standard text for the name, short description, description, version, and ID.
7. Once you have filled in the desired asset description fields, click **Next**. The RAS Asset Artifacts page opens.
8. Under **Project options** export the complete project by selecting the **RAS Export Sample** check box and the **Export as a complete project** check box. You can export complete projects or select individual

artifacts for your RAS asset, or a combination thereof. If you export complete projects, the complete projects are added to the RAS asset consumer's workspace at import. If you select to export individual artifacts (files, folders, models, or a combination of these), you can choose any types of files from many different projects.

9. Click **Finish** and the export results are displayed.

Finish this tutorial by reviewing the materials in the Summary.

Lesson checkpoint

You learned the following:

- How to set up your asset development environment
- How to export an asset to your filesystem

Summary: Export a RAS asset

Well done! This tutorial has shown you how to export a RAS asset to a folder on a local file system.

Lessons learned

If you have completed all of the exercises, you should now be able to perform the following tasks:

- Obtain a sample project from the Samples Gallery.
- Export a RAS asset using the Export wizard, including the manifest file information.

Additional resources

If you want to learn more about the topics covered in this tutorial, consider the following sources:

- The Packaging assets for reuse online Help
- Importing a RAS asset tutorial

Related information

ibm.com

eclipse.org