



Publish a model as a PDF report

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Create a PDF report for a UML model

This tutorial shows you how to import a model and generate a report for it in Portable Documentation Format (PDF).

Learning objectives

The objective of this tutorial is to learn how to generate PDF reports for UML models.

Time required: 10 minutes

Related information

[View the PDF version of this tutorial](#)

Introduction: Create a PDF report for a UML model

This tutorial shows you how to create a PDF report for an imported model.

Learning objectives

You will learn to perform the following tasks:

- Import a model from the Samples Gallery.
- Use the Generate Report command and the Reporting window to create and view the report.

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

Beginner

Audience

This tutorial is intended for users who need to create PDF reports for models.

System requirements

You must have the Web Publishing component installed on your Eclipse platform.

Prerequisites

You should be familiar with basic modeling functions and the use of Eclipse perspectives and views.

Lesson 1: Importing and setting up the model

Start by importing the model for which you want to generate a report.

To import the model:

1. In the Samples Gallery, click **Technology samples**, expand **UML models**, and click **Simple UML model sample**.
2. On the Simple UML model sample page, click the **Import the sample** link.
3. In the wizard, type `simpleMod` for the project name, and then click **Finish**.

4. If the Open Associated Perspective dialog box opens, click **Yes**.
5. In the Project Explorer view, expand the **simpleMod** project and the **Models** node. You will see the entry **SimpleUMLModel**. This entry is the model.
6. Double-click the entry **SimpleUMLModel** to display the model.
7. If the Confirm Enablement window opens, click **OK** to enable the Java Modeling capability.

You can now generate a report for the model.

Lesson 2: Generating and displaying the report

This exercise teaches you how to generate and display a PDF report for the selected model.

To generate the report, follow these steps:

1. Make sure that you are in the Modeling perspective.
2. In the Project Explorer view, under **SimpleMod/Models**, right-click **SimpleUMLModel**, and then click **Generate Report**.
3. In the Reporting window, click **Classic UML Metric Report** as the report design.
4. In the **Enter report output location** field, browse to an existing folder, enter `SimpleUMLModel_Metrics.pdf` as the file name, and then click **Open**.
5. Click **OK** to generate the report. The report opens in Adobe Reader.

You can now review the metrics for the model.

Summary: Create a PDF report for a UML model

Congratulations! You can now generate a PDF report for a UML model.

Lessons learned

By completing this tutorial, you learned how to perform the following tasks:

- Import a model from the Samples Gallery.
- Use the Generate Report command and the Reporting window to create and display reports.

Related information

Publish a model to a web

Tutorial: Automate publishing with Apache Ant

Tutorial: Create a simple custom report

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eclipse.org