

# Customizing Reports

## Abstract

This document describes how to customize TESSY reports. All TESSY reports are generated as PDF files using the Eclipse BIRT reporting framework. Knowledge of BIRT and the BIRT template editor is required in order to customize reports.

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## 1 Introduction

TESSY generates all reports as PDF files using the Eclipse Business Intelligence and Reporting Tools SDK (BIRT) reporting framework.

The basic input for the BIRT report template is an XML file containing all necessary information. These XML files will be generated when creating reports within TESSY (either interactively using the GUI or controlled via command line).

Customization of the reports requires adaptations of the BIRT report templates.

## 2 Eclipse Setup

You need to setup Eclipse with the following plugins in order to edit BIRT reports:







- Eclipse 3.7.1 or later
- BIRT 4.2

Open the “Report Design” perspective and edit the desired report template.

### 2.1 Available Report Templates

The TESSY report templates are available within the following subdirectory of the TESSY installation directory:

...\bin\plugins\com.razorcat.tessy.reporting.templates\_1.0.0

 com	12.02.2014 16:41	Dateiordner	
 META-INF	12.02.2014 16:41	Dateiordner	
 TESSY_FlowChart_Report.rptdesign	12.02.2014 13:32	RPTDESIGN-Datei	76 KB
 TESSY_Overview_Report.rptdesign	12.02.2014 13:32	RPTDESIGN-Datei	811 KB
 TESSY_RequirementCoverage_Report.rptdesign	12.02.2014 13:32	RPTDESIGN-Datei	725 KB
 TESSY_TestObject_Report.rptdesign	12.02.2014 13:32	RPTDESIGN-Datei	790 KB

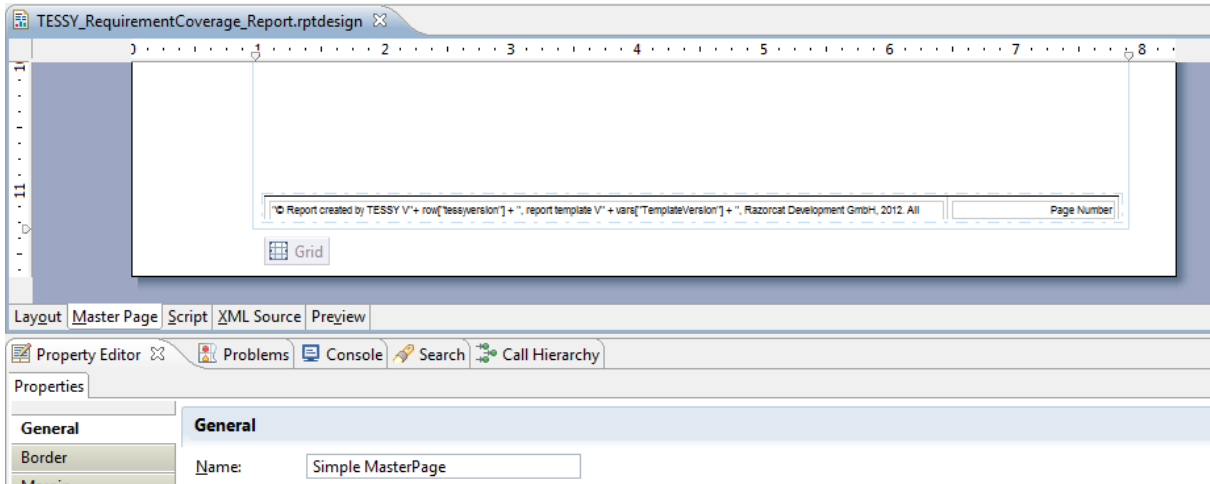
The table below shows the TESSY reports and their templates:

TESSY Report	Template
Test Details Report	TESSY_TestObject_Report.rptdesign
Test Overview Report	TESSY_Overview_Report.rptdesign
Planning Coverage Report	TESSY_RequirementCoverage_Report.rptdesign
Execution Coverage Report	TESSY_RequirementCoverage_Report.rptdesign

There is only one template for both requirement coverage reports. The actual content is controlled by the contents of the XML files provided as input.

## 2.2 Editing the Report Template

Open the “\*.rptdesign” file within your Eclipse application. You may want to edit the page header and footer which can be changed on the master page.



**Please note:** Changing the log image is easily available within the TESSY report options like shown below (Select “Preferences” from the “Window” menu).

