

# SPIRE Documentation

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On behalf of the SPIRE ICC

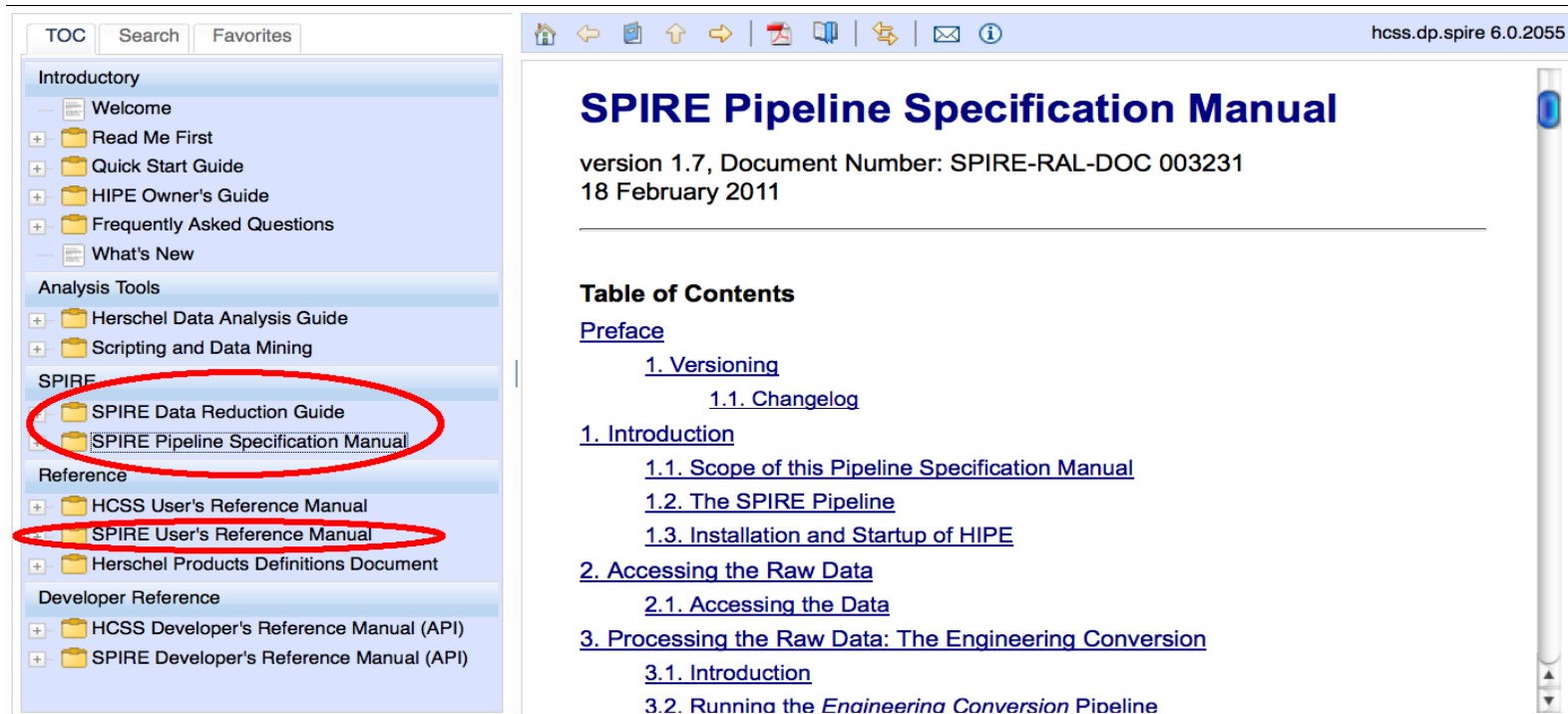
Beyond the core Herschel documentation (DP manuals, URM, Javadoc) as outlined earlier, there are two main SPIRE related documents available within HIPE

- SPIRE Data Reduction Guide
- SPIRE Pipeline Specification Manual

- This document provides a comprehensive reference for all SPIRE users in terms of
- the data structure users will encounter while inspecting the different types of SPIRE observations
  - a guide on how to reprocess the data and inspect the products through the full SPIRE pipeline.

- This document explains the SPIRE pipeline and its use for reduction of photometer and spectrometer data using the standard HSC processing scripts.
- This document is aimed at the astronomical user and calibration scientists who require a more in-depth overview of the SPIRE processing pipelines than provided by the SPIRE DRG.
  - SPIRE PSM works in concert with the SPIRE URM.

The HTML versions of the SDRG, SPSM and SPIRE URM can be accessed via the 'Documentation' button on the 'Welcome' perspective.



The screenshot shows a web browser window with the URL `hcss.dp.spire 6.0.2055`. The left sidebar contains a navigation menu with the following sections:

- Introductory
  - Welcome
  - Read Me First
  - Quick Start Guide
  - HIPE Owner's Guide
  - Frequently Asked Questions
  - What's New
- Analysis Tools
  - Herschel Data Analysis Guide
  - Scripting and Data Mining
- SPIRE
  - SPIRE Data Reduction Guide**
  - SPIRE Pipeline Specification Manual**
- Reference
  - HCSS User's Reference Manual
  - SPIRE User's Reference Manual**
  - Herschel Products Definitions Document
- Developer Reference
  - HCSS Developer's Reference Manual (API)
  - SPIRE Developer's Reference Manual (API)

The main content area displays the **SPIRE Pipeline Specification Manual** page, which includes the following information:

- version 1.7, Document Number: SPIRE-RAL-DOC 003231
- 18 February 2011

The **Table of Contents** section lists the following items:

- [Preface](#)
- [1. Versioning](#)
  - [1.1. Changelog](#)
- [1. Introduction](#)
  - [1.1. Scope of this Pipeline Specification Manual](#)
  - [1.2. The SPIRE Pipeline](#)
  - [1.3. Installation and Startup of HIPE](#)
- [2. Accessing the Raw Data](#)
  - [2.1. Accessing the Data](#)
- [3. Processing the Raw Data: The Engineering Conversion](#)
  - [3.1. Introduction](#)
  - [3.2. Running the Engineering Conversion Pipeline](#)

- PDF versions of the documentation are the 'doc/pdf' subdirectory of your HIPE installation
  - (*spire\_dum.pdf for the SDRG and spire\_um.pdf for the SPSM*).

PDF versions also available from the HSC Data Processing page

[http://herschel.esac.esa.int/Data\\_Processing.shtml](http://herschel.esac.esa.int/Data_Processing.shtml)