



*Heliophysics
Integrated
Observatory*

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HELIO Storage Service (HSS)
User Manual
Draft

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Revision History

Version	Date	Released by	Detail
0.1	25/06/2012	Dr. Gabriele Pierantoni	First Draft
0.2	01/10/2012	Dr. Gabriele Pierantoni	Minor Corrections

Note: Any notes here.

Service Name – User Manual
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Introduction

HELIO Storage Service (or HSS) offers services for storage.

About the HSS

The HELIO Storage Service (HSS) is an interface to different storage resources. For the moment being, HSS supports two different storage resources:

- Local file system, and,
- A grid-based resource.

According to its dual nature, the HSS can be deployed in two modalities as sketched in **Error! Reference source not found..**

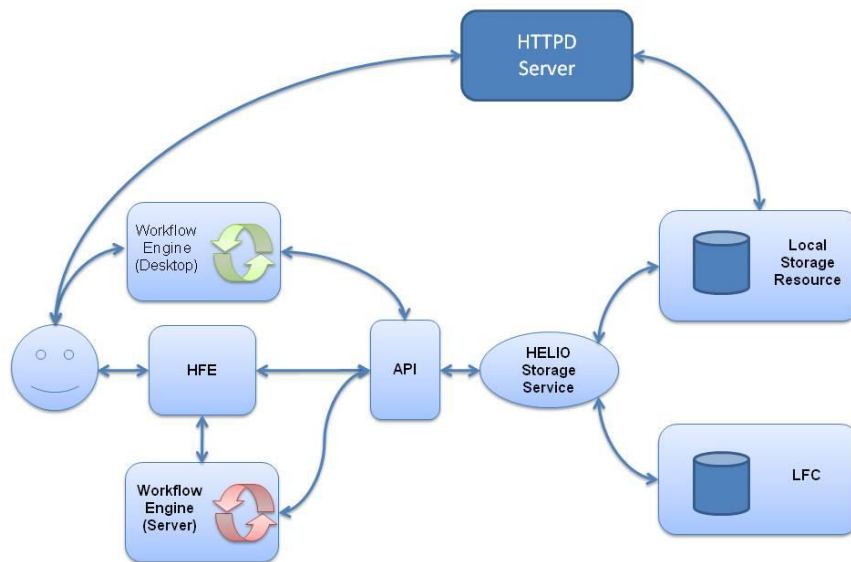


Figure 1, Overview of the HSS.

How to Access the HSS

The service is accessible at <http://cagnode58.cs.tcd.ie:8080/helio-hss-server/>

The Graphical User Interface

At the moment being the HSS interface allows the download of the results of the HELIO Processing Service through the HTTPD interface (http://cagnode58.cs.tcd.ie/output_dir/?C=M;O=A) shown in Figure 1

Index of /output_dir

Name	Last modified	Size	Description
Parent Directory			-
20120529100043480-10162/	29-May-2012 10:01		-
20120529100656798-107/	29-May-2012 10:07		-
20120529101041614-92191/	29-May-2012 10:11		-
20120529102009483-15711/	29-May-2012 10:20		-
20120529102534591-17145/	29-May-2012 10:25		-
20120529105844301-12041/	29-May-2012 11:00		-
20120529110329971-43763/	29-May-2012 11:04		-
20120529111707538-81979/	29-May-2012 11:17		-
20120529113056911-78572/	29-May-2012 11:31		-
20120529113725619-92295/	29-May-2012 11:37		-
20120529114218740-86760/	29-May-2012 11:42		-
20120529114234849-13924/	29-May-2012 11:42		-
20120529114249552-8701/	29-May-2012 11:43		-
20120529114304918-789/	29-May-2012 11:43		-
20120529114319630-46291/	29-May-2012 11:43		-
20120529114336241-7131/	29-May-2012 11:43		-
20120529114351696-81589/	29-May-2012 11:44		-
20120529114406312-51989/	29-May-2012 11:44		-
20120529114421057-23574/	29-May-2012 11:44		-
20120529114435110-9270/	29-May-2012 11:44		-
20120529115701723-74233/	29-May-2012 11:57		-
20120529115718515-80916/	29-May-2012 11:57		-
20120529115733297-13684/	29-May-2012 11:57		-
20120529115748050-25115/	29-May-2012 11:57		-
20120529134356405-10568/	29-May-2012 13:44		-

Figure 2, Selection of results on the HSS

The HQI Interface

The HSS does not expose an HQI interface

Other Interfaces

The HSS functionalities are also accessible through SOAP protocol using the WSDL present at <http://cagnode58.cs.tcd.ie:8080/helio-hss-server/?wsdl>.