

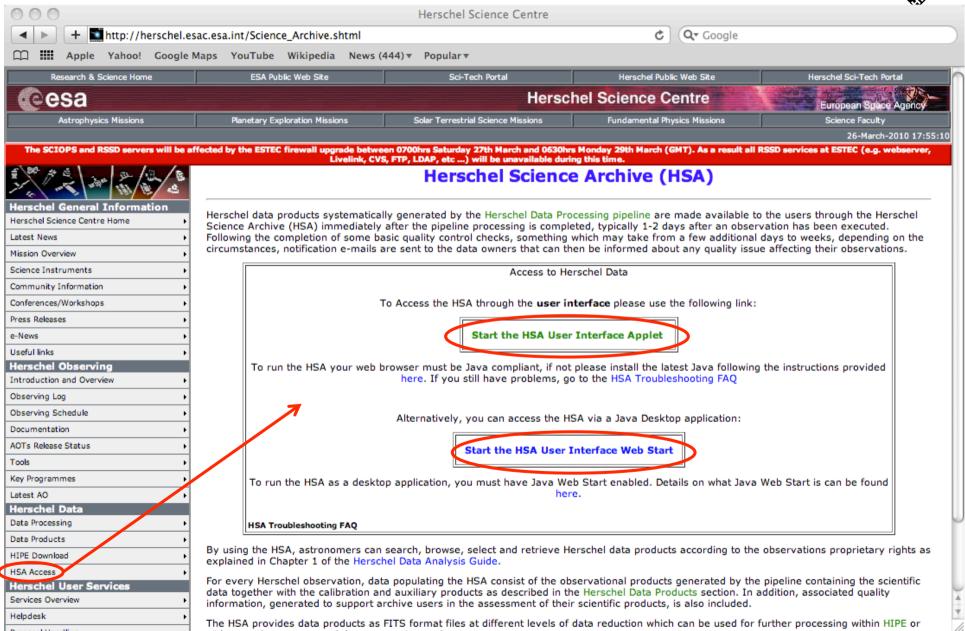


Data Access Through the HSA

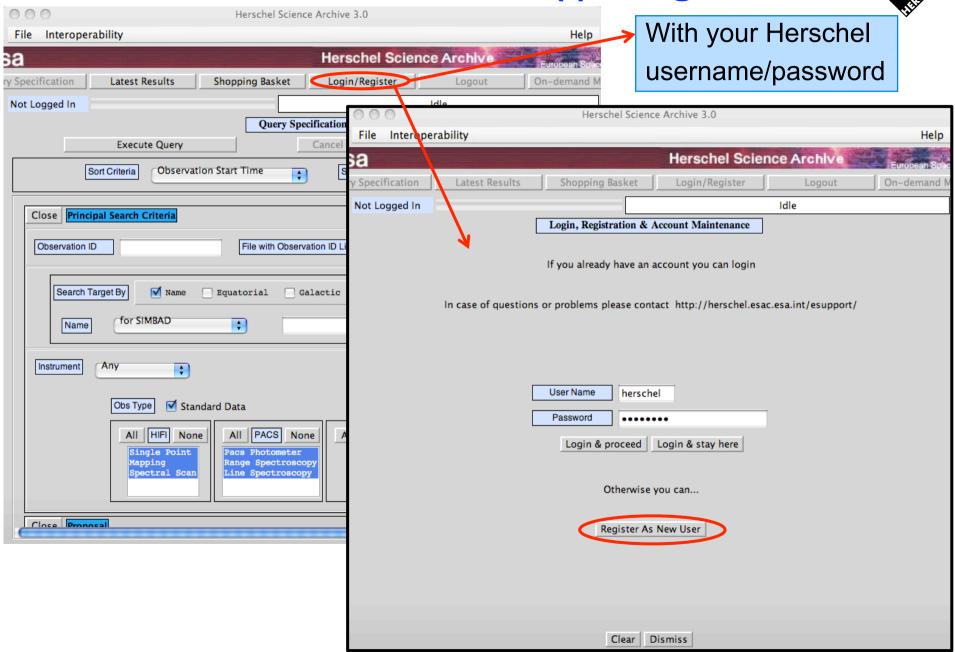
Eva Verdugo HSC-ESAC

Data Access: Access to HSA





HSA User Interface (I): Login



HSA User Interface (II): Queries

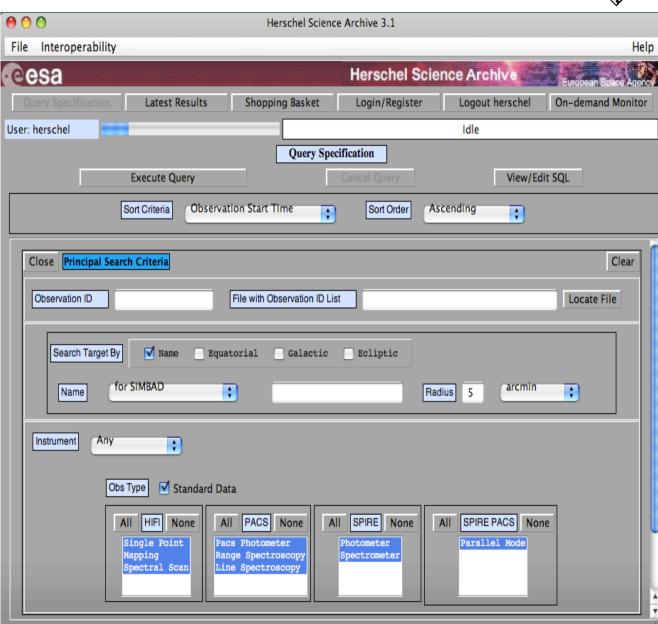


Organised by panels

Main query panel:

- Observation ID
- Target name/coord
- Instrument/AOT





HSA User Interface (III): Queries



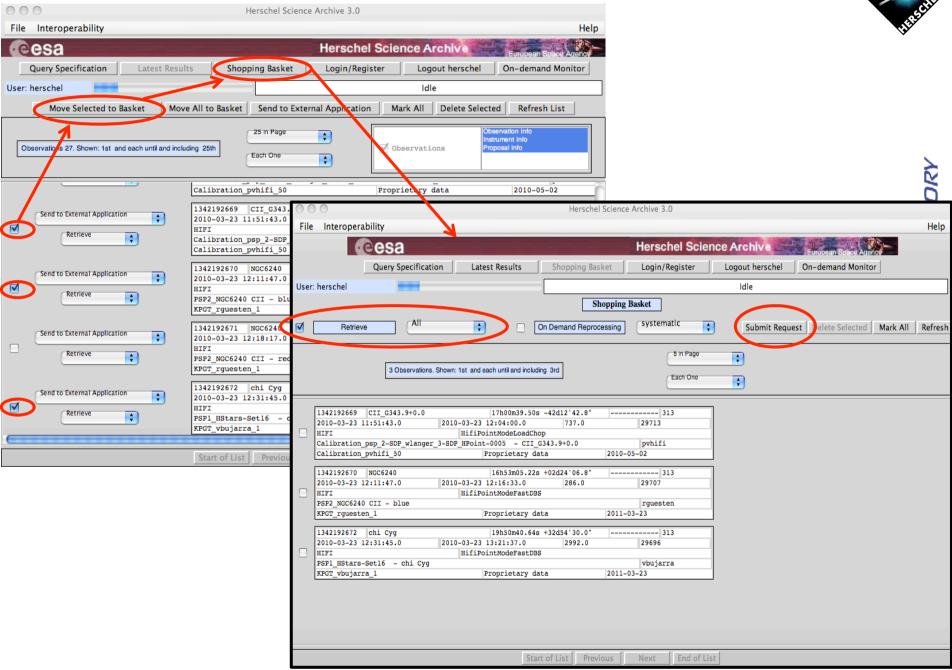
000		Hersc	hel Science Archive 3.1										
File Interoper	ability					Help							
@esa			Hersche	el Science Arch	ive _{Et}	ropean Space Agency							
Query Spec	ification Latest F	Results Shopping I	Basket Login/Reg	ister Logout h		-demand Monitor							
User: herschel	User: herschel												
Query Specification													
	Execute Que	ry	Cancel Query		View/Edit SC	<u>L</u>							
	Sort Criteria	Observation Start Time	Sort Ord	er Ascending	•								
Open Princi	oal Search Criteria					Clear							
Close	sal					Clear							
Observer		Proposal ID											
AOR label													
Close	g Constraints					Clear							
OD													
Start Time		Stop Time		Observation Duration	Time								

HSA User Interface (IV): Result

) 🔴 ile	Interoperability				nce Archive 3.1				Heli
110							Annual Control of the		TICI
	esa		Herschel Science Archive European Space Agency						
	Query Specification	Latest Results	Shop	ping Basket	Login/Register	Log	out herschel	On-demand Monitor	
er:	herschel					ı	dle		
	Move Selected to Bas	ket Move All	to Basket	Send to Ex	ternal Application	Mark All	Delete Selec	ted Refresh List	
	Observations 22. Shown: 1st and eac	h until and including 5th]	5 in Page	•	١.		Observation Info Instrument Info	
	Control 17h45-10 04c	20400120 1" (1200)]	Each One	-	√ Observ	ations	Proposal Info	
-	Search Centre: 17h45m40.04s -	-29000*28.1** ()2000))		•				
		13421830	70 GP f:	ield-1	17h4	5m30.19s -2	28d56'28.2"	272.52arcsec 112	\neg
_ (Send to External Application	2009-09-	02 16:09:	48.0	2009-09-02 17:23:		4418.0	27473	
	Retrieve	SPIRE							-1
	Retrieve	Calibrat	Calibration_pmode_1-PVParAOTVal_515C_StdPar_blu_fast_ortho_G_0002_60x60 pvpallel						
		Calibrat	ion_pvpal	lel_2	Propri	etary data		9999-09-09	
(13421830	70 GP f:	ield-1	17h4	5m36.00s -2	28d56'00.0"	273.31arcsec 112	\neg
	Send to External Application		02 16:09:		2009-09-02 17:23:		4418.0	27595	-1
		PACS							
	Retrieve	Calibrat	Calibration pmode 1-PVParAOTVal 515C StdPar blu fast ortho G 0002 60x60 pvpallel						
		Calibrat	ion_pvpal	lel_2	Propri	etary data		9999-09-09	
		13421830	71 GP f	ield-1	17h4	5m36.00s -2	28456'00.0"	273.31arcsec 112	_
(Send to External Application		02 17:25:		2009-09-02 18:39:		4418.0	27602	
		PACS			SpirePacsPar		1	2.212	
	Retrieve	Calibrat	Calibration pmode 1-PVParAOTVal_515C_StdPar_blu_fast_GP_0001_60x60_nom pvpallel						-1
		Calibrat	ion_pvpal	lel_2	Propri	etary data		9999-09-09	
		13421930	71 GP f:	ield-1	1754	5m32.78e -	28d55'54.6"	289.66arcsec 112	
	Send to External Application		02 17:25:		2009-09-02 18:39:		4418.0	27465	
		SPIRE	V2 17.23.	20.0	SpirePacsPar		1441010	27103	
	Retrieve	92 2112	ion pmode	1-PVParAOTV	al 515C StdPar blu		01 60x60 nom	pvpallel	
			ion_pvpal	_		etary data		9999-09-09	
		13421834	80 GP f:	ield-1	17h4	5m36.06s -2	28d56'56.3"	218.13arcsec 117	
	Send to External Application	A			10000 00 00 01 00		2010	25000	

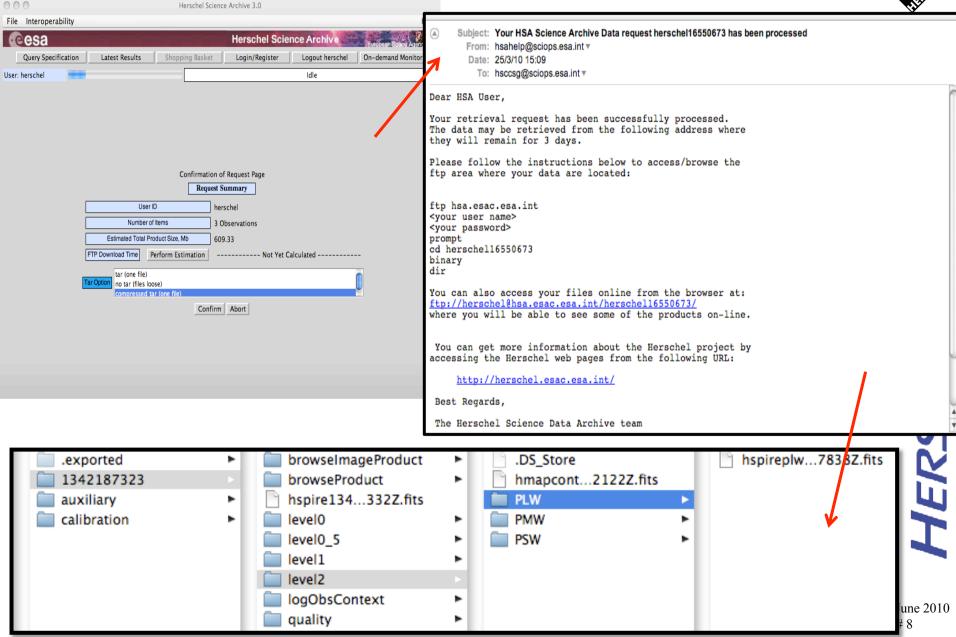
HSA User Interface (V): Shopping basket





HSA User Interface (VI): Data retrieval

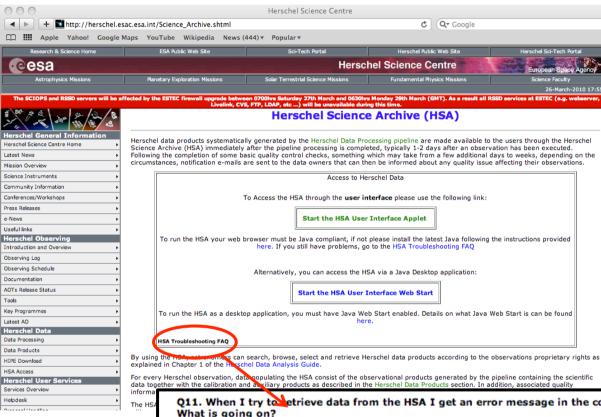




HSA FAQ



SPACE DBSERVATORY



Problems with the ftp? Consult the HSA FAQ

Q11. When I try to etrieve data from the HSA I get an error message in the console about an invalid magic number for FITS file.

A11 The reason is that the "data" being downloaded is in reality a small file containing an error message.

Possibly your Herschel password has non-alphanumeric characters in it. Please change it to a password containing only letters and numbers.

Q12. I have downloaded FITS files in a TAR archive from the HSA, but they are corrupted. How can I fix them?

A12 You probably used WinZip, or some equivalent compression software, in Windows, WinZip has an option called TAR file smart CR/LF conversion, in the Miscellaneous tab of the Configuration dialogue window (at least for version 12.0), that is enabled by default and causes the corruption. Just disable the option to solve this problem. For more information, please see the Data Analysis Guide: Section 1.3.5.2, "Corrupted FITS file after unzipping"

Q13. I have downloaded FITS files in a TAR archive from the HSA, but when untaring it I get the message "lone zero block".

A13 The untaring (depending on the command used to untar) could give a "lone zero block" message at the end. This message can be ignored. The tar is correctly untared and there are no problems with the FITS files.

Q14. When I retrieve a tar file with my MAC via ftp, the tar I got seems to be empty. In fact, the size of the tar is too small (1 few Kb) to contain any Herschel FITS file.

A14 The standard Mac FTP browser does not work properly with the HSA ftp when you use the URL. It tries to mount it as a local disk but only put the reference and it does not invoke the real download. You should open a terminal (or use another ftp client) and connect directly to the ftp