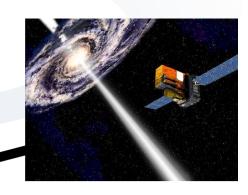
The INTEGRAL Archive and Data Retrieval

What is the data?
What can I have?
How can I get it?
Who is this Archive Scientist person?

INTEGRAL Data Flow

.... as far as the user is concerned.

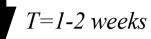












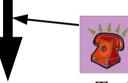
ISDC

Telemetry, Auxillary, Science Window data processed archived and backed-up.

Exposure Completion Status (ECS) file sent to

T=4-5 weeks





T=1 week

ISOC

ΡI

Total Time ~ 10-12 weeks

T=days

OSA

Standard Analysis

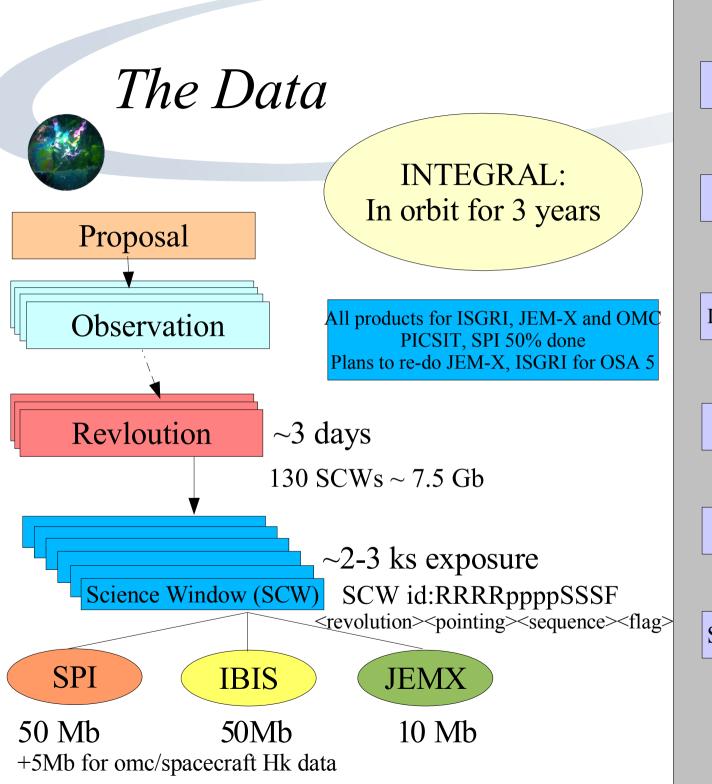
Results checked archived and backed up

T=2 weeks



T=1 year





The Archive

Catalog (CAT)

86 Mb

Index (IDX)

90 Gb

Instrument Calibration (IC)

6.3 Gb

Auxillary (AUX)

1.6 Gb

Observation (OBS)

415 Gb

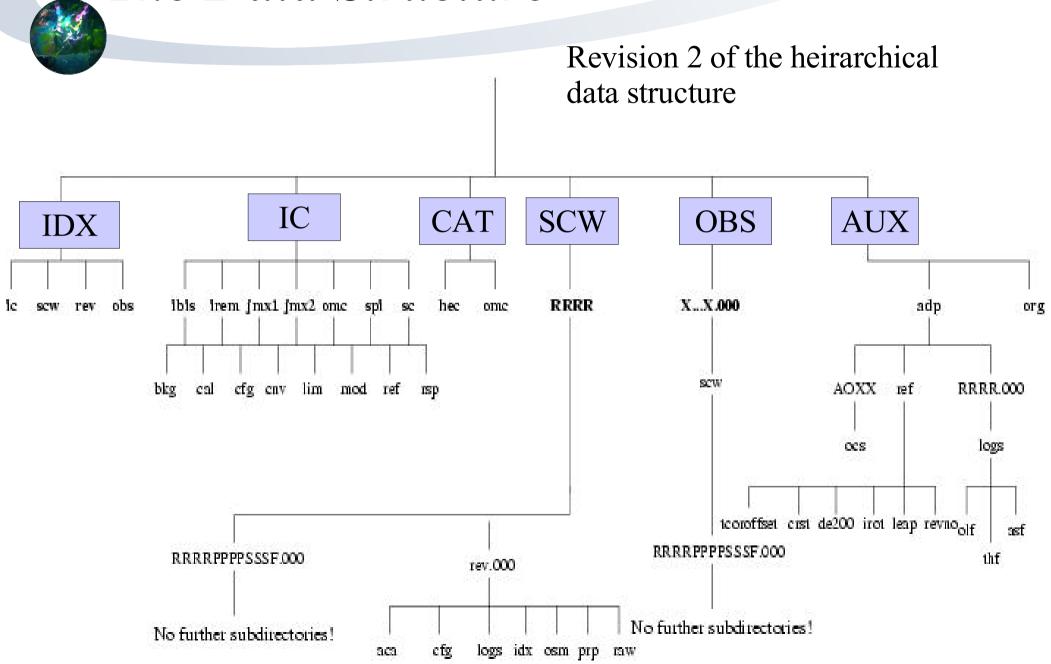
~4000 obs

Science Window (SCW)

2.4 Tb

58645 scw

The Data Structure

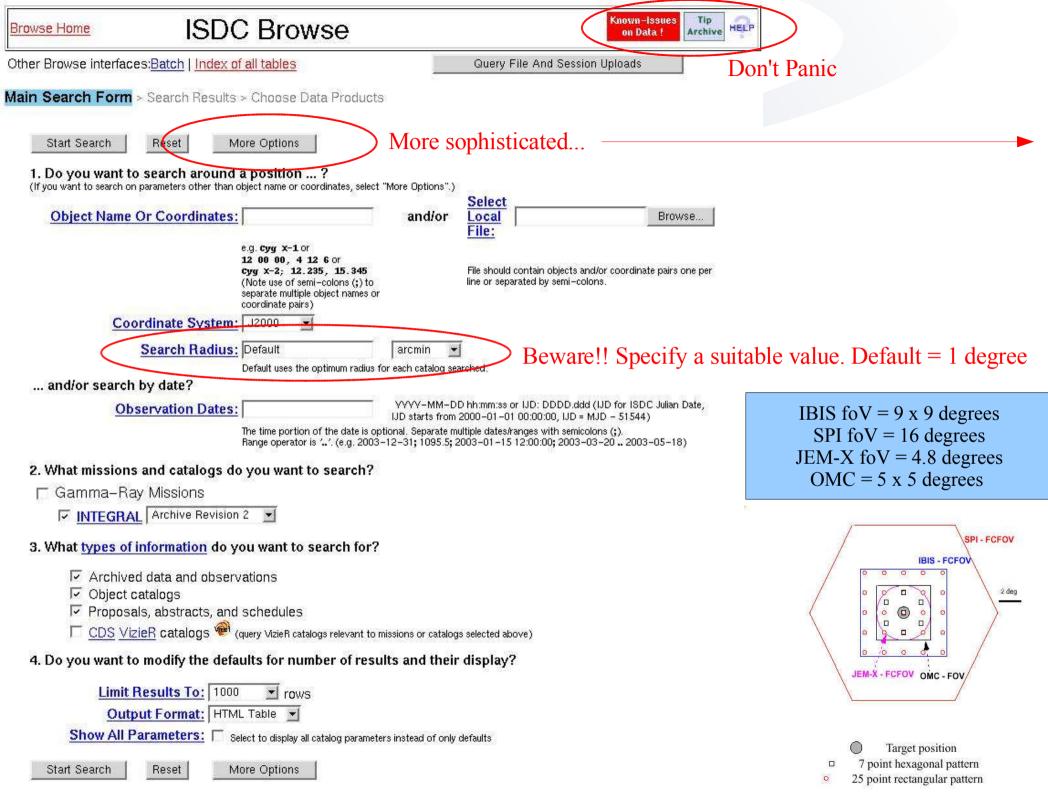


Getting Data

- 1. If you are a PI you will get an email when it is ready to FTP across.
- 2. If you want public data ...
- a. The INTEGRAL Source Results (Images, spectra, lightcurves for all your favourite sources)
 - b. The archive FTP area (for the more decerning user...)
 - c. The Archive Browser....

Based on the HEASARC template (v 7.0.0) all archived data is available to inspect and all public data is accessable to download.





Browse Home

Search of INTEGRAL-REV2 and object Catalog(s)



Main Search Form > Search Form > Search Results > Choose Data Products

1. Please select one or more of the tables below.

♣ Sort by a column in order: 1,2,3 ♠ Sort by column in reverse order: 3,2,1

Select:	Description 少企	Catalog ૄ û	Data 小台	` Default Radius (arcmin) ↔ 🕆 🕆	Mission 小台	Table Type ♣�	
D	Science Results per Observation	integral_rev2_ogsm	Ý	300	INTEGRAL-REV2	Observation	Results from
F	Science Results per Pointing	integral_rev2_ogss	Υ	300	INTEGRAL-REV2	Observation	Standard Analysis
D	ISGRI Source Results	integral_rev2_isgri_sr1	N	5	INTEGRAL-REV2	Observation	
F	JEMX Source Results	integral_rev2_jmx_sr1	N	5	INTEGRAL-REV2	Observation	
IZ.	OMC Source Results	integral_rev2_omc_sr1	N	0.5	INTEGRAL-REV2	Observation	The DATA
IZ.	SCW - Science Window Data	mregrai_revz_scw	Y	300	INTEGRAL-REV2	Observation	
V	Observations	integral_rev2_obs	N	xxx	INTEGRAL-REV2	Observation	Observation and
F	Proposals	integral_rev2_prop	N	NAX NAX	INTEGRAL-REV2	Proposal	→ Proposal
D.	Proposal Information and Observation Parameters	integral_rev2_prop_obs	N	300	INTEGRAL-REV2	Proposal	information
U	IC - Instruments Characteristics Data	integral_rev2_ic	γ	XXX	INTEGRAL-REV2	Observation	
D	AUX - Auxiliary Data	integral_rev2_aux	γ	XXX	INTEGRAL-REV2	Observation	— IC/AUX

2. Do you want to change any of your current guery selections?

Object Name Or Coordinates:	(e.g. Cyg X-1 or '12 00 00, 4 12 6') Use semi-colons (;) to separate multiple object pordinate pairs (e.g. Cyg x-2; 12.235, 15.345)
Coordinate System: J2000	T
Search Radius: Default	arcmin Default uses the optimum radius for each catalog searched.
Name Resolver: SIMBAD	, else NED 💌
Observation Dates: (;). Range oper	The time portion of the date is optional. Separate multiple dates/ranges with semicolons ator is ''. (e.g. 2003–12–31; 1095.5; 2003–01–15 12:00:00; 2003–03–20 2003–05–18)
Limit Results To: 1000	rows
Output Format: HTML T	able 💌
Show All Parameters: Select	to display all catalog parameters instead of only defaults

Specify Additional Parameters

Reset

Submit Search

Maintainer: Browse Administrator

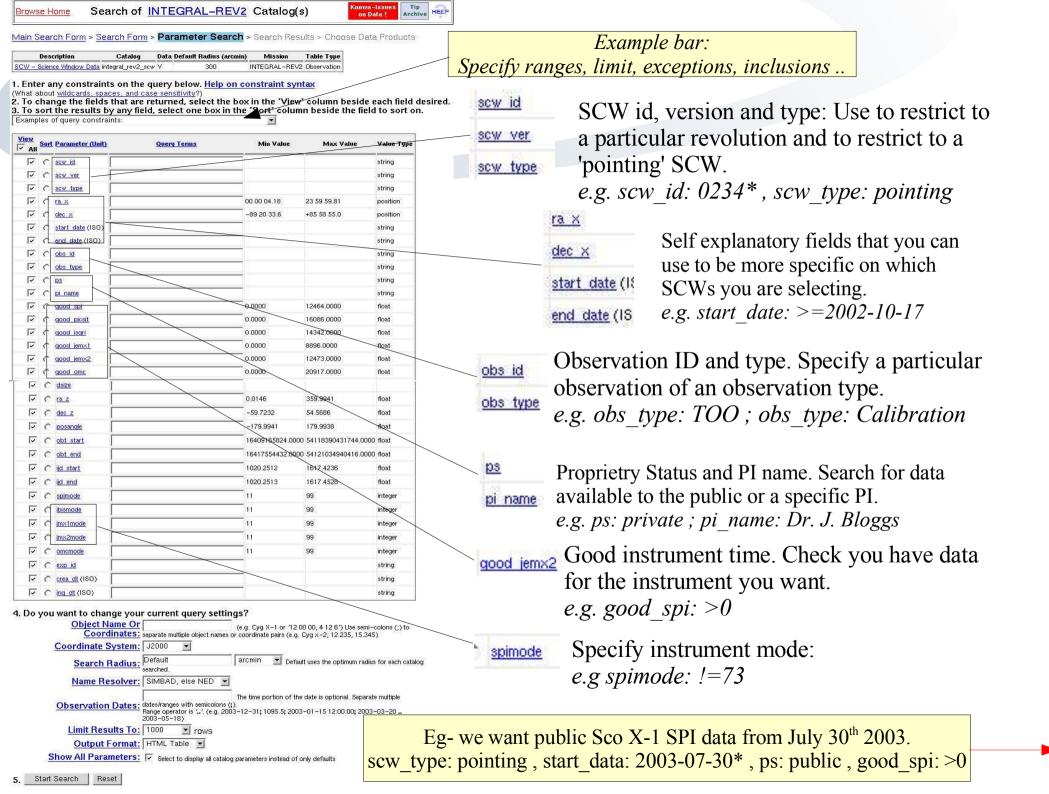


Table Legend:

Display all parameters for a row

🖶 Sort by a column in order: 1,2,3 - 🏗 Sort by column in reverse order: 3,2,1

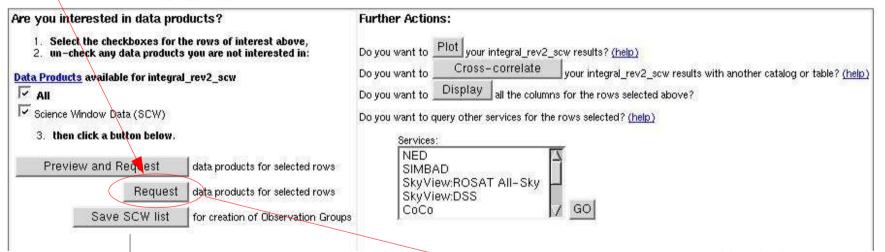
Services links: O: Digitized Sky Survey image, R: ROSAT All-Sky Survey image, N: NED objects near coordinates, S: SIMBAD objects near coordinates, D: get list of data products, B: ADS bibliography holdings

Scroll down below tables to select Data Products and Further Actions.

SCW - Science Window Data (integral rev2 scw)

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Select	Services	SCW id 小台	scw ver むむ	scw type 小台	ra x 小台	dec x ⊕⊕	start date ⊕ 1 [ISO]	end date ⊕ û [ISO]	obs id 小企	obs type ⊕⊕	⊕ <u>s</u>	pi name 小企	good spi 小分	good picsit 小小	good isgri 小分	good jemx1 ↓↓	good jemx2 小台	good omc 小小	dsize ひ合
@ [J	BNSD	009700040010	001	pointing	16 11 44.96	-11 37 49.2	2003-07-30 18:00:41	2003-07-30 19:00:14	01202840001	General	public	Prof. Michiel van der Klis	3571	3526	3555	0	3571	3543	1314734
@17	ORNSD	009700050010	001	pointing	16 19 55.09	-11 38 24.2	<u>:</u> 2003-07-30 19:02:17	^{2003-07-30 20:01:50}	01202840001	General	public	Prof. Michiel van der Klis	3571	3526	3555	0	3571	3543	1335572
Q IZ	ORNSD	009700060010	001	pointing	16 28 05.15	-11 37 49.9	/ <mark>2003-07-30 20:03:53</mark>	3 <mark>2003-07-30 21:03:26</mark>	01202840001	General	public	Prof. Michiel van der Klis	3571	3526	3560	0	3571	3543	1295349
@ [J	PRNSD	009700080010	001	pointing	16 36 22.79	-13 36 06.1	2003-07-30 22:07:06	3 <mark>2003-07-30 23:06:3</mark> 9	01202840001	General	public	Prof. Michiel van der Klis	3572	3526	3559	0	3572	3544	1282529
QU	ORNSD	009700090010	001	pointing	16 28 08.94	-13 37 49.4	2003-07-30 23:08:42	2 <mark>2003-07-31 00:08:1</mark> 4	01202840001	General	public	Prof. Michiel van der Klis	3570	3526	3559	0	3490	3543	1279037
- Francis	-\	ad from inton	uval e	A. 10	48 9		At	M.	2)	A.	All	4.			1	A 39		0	A.C.

5 rows retrieved from integral_rev2_scw



scw/0097/009700040010.001/swg.fits[1] scw/0097/009700050010.001/swg.fits[1] scw/0097/009700060010.001/swg.fits[1] scw/0097/009700080010.001/swg.fits[1] Enter email address and wait a few minutes for the email...

Follow the instructions on the email ...

Analyse away

When in doubt ...



- Help, Tips and Known Issues
- Email helpdesk:inthelp@rssd.esa.int (for all queries on your data distribution and any problems with data or it downloading)
- Email Browser admin: arc_w3br@isdcmail.unige.ch (if you have any problems in using the browser)

For advanced users:-

- Batch jobs
- Public FTP area