

# XXL data product retrieval

The screenshot shows a web-based query interface. At the top, there is a red header with the word "Advanced". Below it, a dropdown menu shows "xxlpointings" selected, with "(of 1 available)" next to it. To the right of this is a "[ Help ]" link. Below the dropdown, there is a section for "Output columns" with a dropdown menu set to "from column list". Underneath, there is a text box labeled "Output columns:" containing the text "fieldName, badfield, expm1, expm2, exppn". Below that is a section for "Selection condition:" with a text box containing the query "badfield=0 AND exppn>30000".

- To retrieve **X-ray data products** (X-ray images or expo maps) issue **any query on table `xxlpointings`** in preference to table `3XLSS`. Data products are associated to XMM pointings.

Optical data products (thumbnails or SIMBAD/NED links) are dealt with separately later

continuing in 4 sec ...

# XXL data product retrieval

Your query on xxlpointings contains 6 objects

[View data](#)

[Plot result](#)

[Retrieve all objects related files](#)

Save as  ASCII (.txt)  Automatic file name extension

[Save](#)

Sexagesimal coordinate conversion

- To retrieve **X-ray data products** (X-ray images or expo maps) issue any query on table `xxlpointings` in preference to table `3XLSS`. Data products are associated to XMM pointings.
- To retrieve *individual images* press **View data** as to view the results on the screen then
- click on object related files (rightmost column) for the pointing of interest.
- In the item tree shown click on the + marker to expand the item of interest. (clicking on the folder icon accesses a descriptive note for the specific data product)
- Expand until you reach a FITS file name and click for immediate retrieval.

continuing in 4 sec ...

# XXL data product retrieval

Current query displayed `xxlpointings` (of ...)

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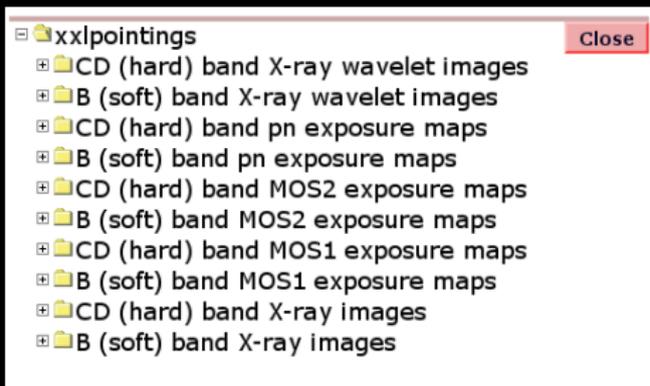
FieldName [--]	badfield [--]	expm1 [sec]	expm2 [sec]	exppn [sec]	Data
XXLn998-01z	0	77058	77006	64953	Object related files
XXLn998-02a	0	35360	35412	32363	Object related files
XXLn998-04z	0	43979	42218	40233	Object related files
XXLn998-06a	0	47158	47522	45084	Object related files
XXLn998-07a	0	35404	35456	31329	Object related files
XXLn999-05	0	60045	60260	56778	Object related files

Hide columns:  FieldName  badfield  expm1  expm2  exppn

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continuing in 4 sec ...

# XXL data product retrieval



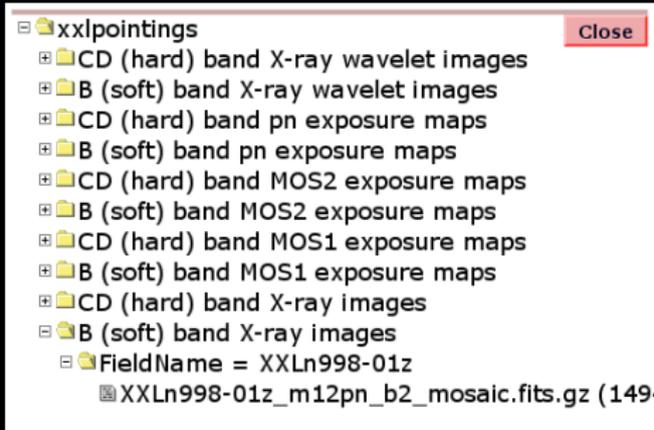
A screenshot of a file browser window titled "xxlpointings" with a "Close" button in the top right corner. The window displays a tree structure of data products:

- xxlpointings
  - CD (hard) band X-ray wavelet images
  - B (soft) band X-ray wavelet images
  - CD (hard) band pn exposure maps
  - B (soft) band pn exposure maps
  - CD (hard) band MOS2 exposure maps
  - B (soft) band MOS2 exposure maps
  - CD (hard) band MOS1 exposure maps
  - B (soft) band MOS1 exposure maps
  - CD (hard) band X-ray images
  - B (soft) band X-ray images

- To retrieve **X-ray data products** (X-ray images or expo maps) issue any query on table `xxlpointings` in preference to table `3XLSS`. Data products are associated to XMM pointings.
- To retrieve *individual images* press View data as to view the results on the screen then
- click on object related files (rightmost column) for the pointing of interest.
- In the **item tree** shown click on the + marker to expand the item of interest. (clicking on the folder icon accesses a descriptive note for the specific data product)
- Expand until you reach a FITS file name and click for immediate retrieval.

continuing in 4 sec ...

# XXL data product retrieval



The screenshot shows a file explorer window titled 'xxlpointings' with a 'Close' button in the top right corner. The tree structure is as follows:

- xxlpointings
  - CD (hard) band X-ray wavelet images
  - B (soft) band X-ray wavelet images
  - CD (hard) band pn exposure maps
  - B (soft) band pn exposure maps
  - CD (hard) band MOS2 exposure maps
  - B (soft) band MOS2 exposure maps
  - CD (hard) band MOS1 exposure maps
  - B (soft) band MOS1 exposure maps
  - CD (hard) band X-ray images
  - B (soft) band X-ray images
    - FieldName = XXLn998-01z
      - XXLn998-01z\_m12pn\_b2\_mosaic.fits.gz (149...

- To retrieve **X-ray data products** (X-ray images or expo maps) issue any query on table `xxlpointings` in preference to table `3XLSS`. Data products are associated to XMM pointings.
- To retrieve *individual images* press View data as to view the results on the screen then
- click on object related files (rightmost column) for the pointing of interest.
- In the item tree shown click on the + marker to expand the item of interest. (clicking on the folder icon accesses a descriptive note for the specific data product)
- Expand until you reach a FITS file name and **click for immediate retrieval**.

continuing in 10 sec ...

# XXL data product retrieval

Your query on xxlpointings contains 6 objects

[View data](#)

[Plot result](#)

[Retrieve all objects related files](#)

Save as  ASCII (.txt)  Automatic file name extension

[Save](#)

Sessagesimal coordinate conversion

- To retrieve **X-ray data products** (X-ray images or expo maps) issue any query on table `xxlpointings` in preference to table `3XLSS`. Data products are associated to XMM pointings.
- To retrieve *cumulative tar files* with all data products instead press **retrieve all object related files**.
- In the item tree shown click on the + marker to expand the item of interest.
- Then click on Online generation and assign a tar.gz file name (the file can be retrieved immediately or later).
- Pressing the User data button you can later access your file repository for download.
- Please delete files after download ! Also note that space is limited and may be demanding on local resources, so please avoid large queries.

continuing in 4 sec ...

# XXL data product retrieval

Your queries returned the following kind of data products available

Query # 1: xxlpointings

- xxlpointings
  - all band X-ray wavelet images (tar.gz)
  - all band X-ray sky images (tar.gz)
  - all band and camera exposure maps (tar.gz)

- To retrieve **X-ray data products** (X-ray images or expo maps) issue any query on table `xxlpointings` in preference to table `3XLSS`. Data products are associated to XMM pointings.
- To retrieve *cumulative tar files* with all data products instead press **retrieve all object related files**.
- In the **item tree** shown click on the + marker to expand the item of interest.
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  - ▣ all band and camera exposure maps (tar.gz)

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continuing in 4 sec ...

# XXL data product retrieval

Query result files				
ASCII files				
prova.txt.gz	(5 KB, 2015-12-10 16:11)	VIEW	DOWNLOAD	DELETE
pacaud15.txt.gz	(3 KB, 2015-10-23 15:31)	VIEW	DOWNLOAD	DELETE
FITS files				
mycopy.fits	(22 KB, 2015-12-14 16:26)	VIEW	DOWNLOAD	DELETE
Objects related files				
images.tar.gz	(1532 KB, 2015-12-14 16:35)	DOWNLOAD	DELETE	
Total MB available: 200 MB used: 1 MB remaining:198				

- To retrieve **X-ray data products** (X-ray images or expo maps) issue any query on table `xxlpointings` in preference to table `3XLSS`. Data products are associated to XMM pointings.
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mycopy.fits	(22 KB, 2015-12-14 16:26)	VIEW	DOWNLOAD	DELETE
Objects related files				
images.tar.gz	(1532 KB, 2015-12-14 16:35)	DOWNLOAD	DELETE	
Total MB available: 200				
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- **Please delete files after download !** Also note that space is limited and may be demanding on local resources, so please avoid large queries.

continuing in 8 sec ...

# XXL data product retrieval

Tables Simple Advanced Get all columns

TABLES		CORRELATION	
XXL Data Release 2 (mid 2017)		Do not apply correlation <input type="radio"/>	
3XLSS	<input type="checkbox"/>		
XXL_365_GC	<input type="checkbox"/>		
3XLSSOPTN	<input checked="" type="checkbox"/>		
3XLSSOPTS	<input type="checkbox"/>		
Observation status info			
xxlpointings	<input type="checkbox"/>		

Show member tables (and data products!) also

- To retrieve **optical data products** (thumbnails or SIMBAD/NED links) issue **any query on table 3XLSSOPTN or 3XLSSOPTS**. To see data products associated to individual sources you should tick the **tick box** appearing at the very bottom of the page.
- To retrieve *individual products* per source press View data as to view the results on the screen then click on object related files (rightmost column) for the source of interest.
- In the item tree shown expand and retrieve the items you want
- To retrieve *cumulative tar files* with all data products as usual press "retrieve all object related files" and act on the shown (simple) **item tree**.

continuing in 4 sec ...

# XXL data product retrieval

Current query displayed 3XLSSOPTN (of 1 available)

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Xseq [--]	Xcatname	Xrank [--]	simbadId [--]	nedId [--]	Data
200002	3XLSS J022915.6-044217	1.0	TXS 0226-049	*PMN J0229-0442	Object related files
200027	3XLSS J022829.1-045125	0.9	null	2MASX J02282935-0451236	Object related files
200029	3XLSS J022804.4-045100	0.9	null	CFHT-W CL J022802.5-045025 BCG	Object related files
200035	3XLSS J022806.6-045344	0.1	null	VVDS 020054489	Object related files
200037	3XLSS J022812.1-045117	1.0	null	VVDS 020051065	Object related files

- To retrieve **optical data products** (thumbnails or SIMBAD/NED links) issue any query on table 3XLSSOPTN or 3XLSSOPTS.
- To retrieve *individual products per source* press View data as to view the results on the screen then click on **object related files** (rightmost column) for the source of interest.
- In the item tree shown expand and retrieve the items you want
- To retrieve *cumulative tar files* with all data products as usual press "retrieve all object related files" and act on the shown (simple) **item tree**.

continuing in 4 sec ...

# XXL data product retrieval

```
3XLSSOPTN
├── thumbnail repository
│   ├── Xseq = 200002
│   └── 200002 (21 files, 936 Bytes)
│       ├── 200002_WISE_W4.fits.gz (3192 Bytes, 2014-04-26 17:14)
│       ├── 200002_SDSS_z.fits.gz (23339 Bytes, 2014-04-26 17:14)
│       ├── 200002_VHS_Ks.fits.gz (23177 Bytes, 2014-04-26 17:14)
│       ├── 200002_SDSS_g.fits.gz (23259 Bytes, 2014-04-26 17:14)
│       ├── 200002_CFHTLS_W1_z.fits.gz (97207 Bytes, 2014-04-26 17:14)
│       └── ...
│           ├── 200002_GALEX_DIS_NUV.fits.gz (7776 Bytes, 2014-04-26 17:14)
│           └── 200002_WISE_W2.fits.gz (3536 Bytes, 2014-04-26 17:14)
├── Pointer to NED object
│   ├── ned.url = 214404
│   └── Online generation
├── Pointer to SIMBAD object
│   └── simbad.url = TXS%200226-049
```

- To retrieve **optical data products** (thumbnails or SIMBAD/NED links) issue any query on table 3XLSSOPTN or 3XLSSOPTS.
- To retrieve *individual products* per source press View data as to view the results on the screen then click on object related files (rightmost column) for the source of interest.
- In the **item tree** shown expand and retrieve the items you want (the **figure on the left** shows a partially expanded tree; FITS thumbnails can be retrieved one by one, while clicking on "online generation" for SIMBAD or NED link will display a SIMBAD or NED query result page)
- To retrieve *cumulative tar files* with all data products as usual press "retrieve all object related files" and act on the shown (simple) **item tree**.

continuing in 4 sec ...

# XXL data product retrieval

Your queries returned the following kind of data products available

Query # 1: 3XLSSOPTN

- ▣ 3XLSSOPTN
- ▣ all thumbnails
  - ▣ Online generation

- To retrieve **optical data products** (thumbnails or SIMBAD/NED links) issue any query on table 3XLSSOPTN or 3XLSSOPTS.
- To retrieve *individual products* per source press View data as to view the results on the screen then click on object related files (rightmost column) for the source of interest.
- In the item tree shown expand and retrieve the items you want
- To retrieve *cumulative tar files* with all data products as usual press "retrieve all object related files" and act on the shown (simple) **item tree**.

tutorial terminated !