

# Quick XXL database help

*L.Chiappetti - INAF IASF Milano - 05 october 2011*

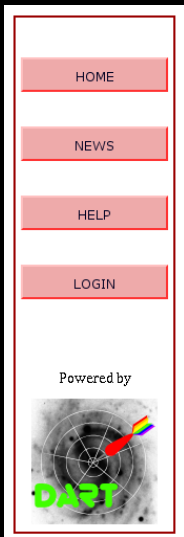
## How to use this document

- Go in full screen mode (control-L in acrobat reader) and press return to advance "animations"
- Remember that links like [this](#) are clickable URLs

The XXL Database web site is <http://cosmosdb.iasf-milano.inaf.it/XXL/>

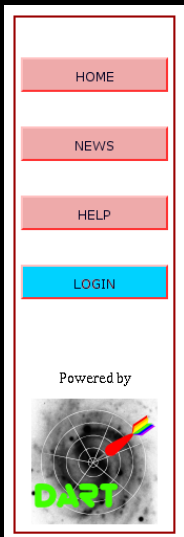
A generic **DART**>[help file](#) (non-XXL specific) is available via the "Help" button.

## 2.a: Login or register first



- in order to access the database you must **login** or (the first time) **register** with your username
- in both cases press the login button in the side bar
- which presents you the login screen
- the first time click on the link "New registration to public area" to register
- in the registration form fill all fields *including both passwords* and press register.  
You will be able to change the registration info later at any time using the "my account" button in the side bar (when logged in)
- at this point you are registered (and can login) in the public workspace . . . **but that won't be very useful to you** since it contains only published data (material from XMM-LSS)
- I will notice your registration and add you to the xtl workspace asap provided you are a known member of the XXL collaboration: wait for confirmation and if not e-mail me
- from then on, perform all logins selecting the xtl workspace in the appropriate menu

## 2.b: Login or register first



- in order to access the database you must login or (the first time) register with your username
- in both cases **press the login button** in the side bar
- which presents you the login screen
- the first time click on the link "New registration to public area" to register
- in the registration form fill all fields *including both passwords* and press register.  
You will be able to change the registration info later at any time using the "my account" button in the side bar (when logged in)
- at this point you are registered (and can login) in the public workspace . . . **but that won't be very useful to you** since it contains only published data (material from XMM-LSS)
- I will notice your registration and add you to the xtl workspace asap provided you are a known member of the XXL collaboration: wait for confirmation and if not e-mail me
- from then on, perform all logins selecting the xtl workspace in the appropriate menu

## 2.c: Login or register first

The image shows a web form for user registration and login. It has a light pink background. The form contains three main input sections: 'USER' with a text box containing 'somebody', 'PASSWORD' with a text box containing six dots, and 'GROUP' with a dropdown menu showing 'public'. Below these are two links: 'New registration to public area' and 'Help! I have forgotten my password'. At the bottom of the form is a large red button labeled 'LOGIN'.

- in order to access the database you must login or (the first time) register with your username
- in both cases press the login button in the side bar
- which presents you the **login screen**
- the first time click on the link "New registration to public area" to register
- in the registration form fill all fields *including both passwords* and press register. You will be able to change the registration info later at any time using the "my account" button in the side bar (when logged in)
- at this point you are registered (and can login) in the public workspace . . . **but that won't be very useful to you** since it contains only published data (material from XMM-LSS)
- I will notice your registration and add you to the xxl workspace asap provided you are a known member of the XXL collaboration: wait for confirmation and if not e-mail me
- from then on, perform all logins selecting the xxl workspace in the appropriate menu

## 2.d: Login or register first

The screenshot shows a login/register form with the following elements:

- USER**: A text input field containing the text "somebody".
- PASSWORD**: A text input field with masked characters ".....".
- GROUP**: A dropdown menu with "public" selected.
- A link: "New registration to public area ..."
- A link: "[ HELP ]"
- A link: "Help! I have forgotten my password"
- A large red button labeled **LOGIN** at the bottom.

- in order to access the database you must login or (the first time) register with your username
- in both cases press the login button in the side bar
- which presents you the login screen
- the **first time** click on the link "New registration to public area" to **register**
- in the registration form fill all fields *including both passwords* and press register. You will be able to change the registration info later at any time using the "my account" button in the side bar (when logged in)
- at this point you are registered (and can login) in the public workspace . . . **but that won't be very useful to you** since it contains only published data (material from XMM-LSS)
- I will notice your registration and add you to the xtl workspace asap provided you are a known member of the XXL collaboration: wait for confirmation and if not e-mail me
- from then on, perform all logins selecting the xtl workspace in the appropriate menu

## 2.e: Login or register first

### New account information

Login user name

Password

Password (type again to confirm)

Name

Affiliation

E-mail

ATTENTION! All the entries are mandatory.  
Registration is FREE. Provided information will be used only for internal logging and for sending (if required) notifications of database updates.

- in order to access the database you must login or (the first time) register with your username
- in both cases press the login button in the side bar
- which presents you the login screen
- the first time click on the link "New registration to public area" to register
- in the **registration form** fill all fields *including both passwords* and press register.  
You will be able to change the registration info later at any time using the "my account" button in the side bar (when logged in)
- at this point you are registered (and can login) in the public workspace . . . **but that won't be very useful to you** since it contains only published data (material from XMM-LSS)
- I will notice your registration and add you to the xtl workspace asap provided you are a known member of the XXL collaboration: wait for confirmation and if not e-mail me
- from then on, perform all logins selecting the xtl workspace in the appropriate menu

## 2.f: Login or register first

### New account information

Login user name

Password

Password (type again to confirm)

Name

Affiliation

E-mail

ATTENTION! All the entries are mandatory.  
Registration is FREE. Provided information will be used only for internal logging and for sending (if required) notifications of database updates.

[Register](#)

- in order to access the database you must login or (the first time) register with your username
- in both cases press the login button in the side bar
- which presents you the login screen
- the first time click on the link "New registration to public area" to register
- in the registration form fill all fields *including both passwords* and press **register**. You will be able to change the registration info later at any time using the "my account" button in the side bar (when logged in)
- at this point you are registered (and can login) in the public workspace . . . **but that won't be very useful to you** since it contains only published data (material from XMM-LSS)
- I will notice your registration and add you to the xpl workspace asap provided you are a known member of the XXL collaboration: wait for confirmation and if not e-mail me
- from then on, perform all logins selecting the xpl workspace in the appropriate menu

## 2.g: Login or register first

The screenshot shows a web form with a light pink background. It contains the following elements:

- USER**: A text input field containing the text "somebody".
- PASSWORD**: A text input field with masked characters ".....".
- GROUP**: A dropdown menu with "public" selected.
- Below the fields, there are two links: "New registration to public area" and "[ HELP ]".
- Below the links, there is a text link: "Help! I have forgotten my password".
- At the bottom of the form is a large red button labeled **LOGIN**.

- in order to access the database you must login or (the first time) register with your username
- in both cases press the login button in the side bar
- which presents you the login screen
- the first time click on the link "New registration to public area" to register
- in the registration form fill all fields *including both passwords* and press register. You will be able to change the registration info later at any time using the "my account" button in the side bar (when logged in)
- at this point you are registered (and can login) in the **public** workspace . . . **but that won't be very useful to you** since it contains only published data (material from XMM-LSS)
- I will notice your registration and add you to the xxl workspace asap provided you are a known member of the XXL collaboration: wait for confirmation and if not e-mail me
- from then on, perform all logins selecting the xxl workspace in the appropriate menu



## 2.h: Login or register first

The screenshot shows a web form with a light pink background. It contains three input fields: a text box for 'USER' with the value 'somebody', a password box for 'PASSWORD' with masked characters '.....', and a dropdown menu for 'GROUP' with 'public' selected. Below these fields are two links: 'New registration to public area' and '[ HELP ]'. At the bottom of the form is a large red button labeled 'LOGIN'.

- in order to access the database you must login or (the first time) register with your username
- in both cases press the login button in the side bar
- which presents you the login screen
- the first time click on the link "New registration to public area" to register
- in the registration form fill all fields *including both passwords* and press register. You will be able to change the registration info later at any time using the "my account" button in the side bar (when logged in)
- at this point you are registered (and can login) in the public workspace . . . **but that won't be very useful to you** since it contains only published data (material from XMM-LSS)
- I will notice your registration and add you to the **xxl** workspace asap provided you are a known member of the XXL collaboration: wait for confirmation and if not e-mail me
- from then on, perform all logins selecting the **xxl** workspace in the appropriate menu

## 2.i: Login or register first

**USER**

**PASSWORD**

**GROUP**

[New registration to public area](#)

[\[ HELP \]](#)

[Help! I have forgotten my password](#)

**LOGIN**

- in order to access the database you must login or (the first time) register with your username
- in both cases press the login button in the side bar
- which presents you the login screen
- the first time click on the link "New registration to public area" to register
- in the registration form fill all fields *including both passwords* and press register. You will be able to change the registration info later at any time using the "my account" button in the side bar (when logged in)
- at this point you are registered (and can login) in the public workspace . . . **but that won't be very useful to you** since it contains only published data (material from XMM-LSS)
- I will notice your registration and add you to the xxl workspace asap provided you are a known member of the XXL collaboration: wait for confirmation and if not e-mail me
- from then on, perform all logins selecting the **xxl** workspace in the appropriate menu

## 3.a: Tables in the XXL workspace

TABLES	
X-ray individual (physical) tables	
north33	<input type="checkbox"/>
south33	<input type="checkbox"/>
north33b	<input type="checkbox"/>
north33cd	<input type="checkbox"/>
south33b	<input type="checkbox"/>
south33cd	<input type="checkbox"/>
north33dup	<input type="checkbox"/>
south33dup	<input type="checkbox"/>
Observation status info	
xxlpaintings	<input type="checkbox"/>
XLSS merged tables (views)	
2XLSSd	<input type="checkbox"/>
2XLSSOPTd	<input type="checkbox"/>
2XLSSBd	<input type="checkbox"/>
2XLSSCDd	<input type="checkbox"/>
XLSS	<input type="checkbox"/>
XLSSOPT	<input type="checkbox"/>
XLSSB	<input type="checkbox"/>
XLSSCD	<input type="checkbox"/>
X-ray individual (physical) tables	
jan11	<input type="checkbox"/>
jan11b	<input type="checkbox"/>

CORRELATION

Do not apply correlation

- after login you are shown the **Tables** tab
- the **topmost two categories** are the real XXL data you will be interested to work on. They are physical tables.
- the **next category** are provided as demo and are published (XLSS) or unpublished (2XLSS) XMM-LSS *catalogues* (virtual tables including *multi* –  $\lambda$  data)
- the **bottommost category** (jan and nov) are the physical tables underlying the catalogues and are provided as demo too. The latter two categories may be removed in the future at short notice.

## 3.b: Tables in the XXL workspace

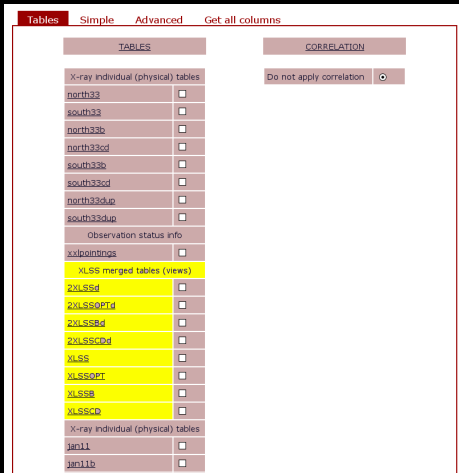
Tables	Simple	Advanced	Get all columns
TABLES			
X-ray individual (physical) tables			
north33	<input type="checkbox"/>		
south33	<input type="checkbox"/>		
north33b	<input type="checkbox"/>		
north33od	<input type="checkbox"/>		
south33b	<input type="checkbox"/>		
south33od	<input type="checkbox"/>		
north33d.up	<input type="checkbox"/>		
south33d.up	<input type="checkbox"/>		
Observation status info			
xxlpaintings	<input type="checkbox"/>		
XLSS merged tables (views)			
2XLSSd	<input type="checkbox"/>		
2XLSSOPTd	<input type="checkbox"/>		
2XLSSBd	<input type="checkbox"/>		
2XLSSCDd	<input type="checkbox"/>		
XLSS	<input type="checkbox"/>		
XLSSOPT	<input type="checkbox"/>		
XLSSB	<input type="checkbox"/>		
XLSSCD	<input type="checkbox"/>		
X-ray individual (physical) tables			
jan11	<input type="checkbox"/>		
jan11b	<input type="checkbox"/>		

CORRELATION

Do not apply correlation

- after login you are shown the Tables tab
- the **topmost two categories** are **the real XXL data** you will be interested to work on. They are physical tables.
- the **next category** are provided as demo and are published (XLSS) or unpublished (2XLSS) XMM-LSS *catalogues* (virtual tables including *multi* –  $\lambda$  data)
- the **bottommost category** (jan and nov) are the physical tables underlying the catalogues and are provided as demo too. The latter two categories may be removed in the future at short notice.

## 3.c: Tables in the XXL workspace



The screenshot shows the 'Tables' tab in the XXL workspace. It features a navigation bar with 'Tables', 'Simple', 'Advanced', and 'Get all columns'. The main area is divided into two panels: 'TABLES' and 'CORRELATION'. The 'TABLES' panel lists various tables, including 'X-ray individual (physical) tables', 'Observation status info', 'xxlpaintings', 'XLSS merged tables (views)', and another 'X-ray individual (physical) tables' section. The 'CORRELATION' panel has a checkbox for 'Do not apply correlation' which is currently checked.

TABLES	
X-ray individual (physical) tables	
north33	<input type="checkbox"/>
south33	<input type="checkbox"/>
north33b	<input type="checkbox"/>
north33cod	<input type="checkbox"/>
south33b	<input type="checkbox"/>
south33cod	<input type="checkbox"/>
north33dup	<input type="checkbox"/>
south33dup	<input type="checkbox"/>
Observation status info	
xxlpaintings	<input type="checkbox"/>
XLSS merged tables (views)	
2XLSSd	<input type="checkbox"/>
2XLSSOPTd	<input type="checkbox"/>
2XLSSBd	<input type="checkbox"/>
2XLSSCDd	<input type="checkbox"/>
XLSS	<input type="checkbox"/>
XLSSOPT	<input type="checkbox"/>
XLSSB	<input type="checkbox"/>
XLSSCD	<input type="checkbox"/>
X-ray individual (physical) tables	
jan11	<input type="checkbox"/>
jan11b	<input type="checkbox"/>

CORRELATION	
Do not apply correlation	<input checked="" type="checkbox"/>

- after login you are shown the Tables tab
- the **topmost two categories** are the real XXL data you will be interested to work on. They are physical tables.
- the **next category** are provided as **demo** and are published (XLSS) or unpublished (2XLSS) **XMM-LSS catalogues** (virtual tables including *multi* –  $\lambda$  data)
- the **bottommost category** (jan and nov) are the physical tables underlying the catalogues and are provided as demo too. The latter two categories may be removed in the future at short notice.

## 3.d: Tables in the XXL workspace

Tables	Simple	Advanced	Get all columns
TABLES			
X-ray individual (physical) tables			
north33	<input type="checkbox"/>		
south33	<input type="checkbox"/>		
north33b	<input type="checkbox"/>		
north33cod	<input type="checkbox"/>		
south33b	<input type="checkbox"/>		
south33cod	<input type="checkbox"/>		
north33dup	<input type="checkbox"/>		
south33dup	<input type="checkbox"/>		
Observation status info			
xxlpaintings	<input type="checkbox"/>		
XLSS merged tables (views)			
2XLSSd	<input type="checkbox"/>		
2XLSSOPTd	<input type="checkbox"/>		
2XLSSBd	<input type="checkbox"/>		
2XLSSCDd	<input type="checkbox"/>		
XLSS	<input type="checkbox"/>		
XLSSOPT	<input type="checkbox"/>		
XLSSB	<input type="checkbox"/>		
XLSSCD	<input type="checkbox"/>		
X-ray individual (physical) tables			
jan11	<input type="checkbox"/>		
jan11b	<input type="checkbox"/>		

CORRELATION	
Do not apply correlation	<input type="checkbox"/>

- after login you are shown the Tables tab
- the **topmost two categories** are the real XXL data you will be interested to work on. They are physical tables.
- the **next category** are provided as demo and are published (XLSS) or unpublished (2XLSS) XMM-LSS *catalogues* (virtual tables including *multi* –  $\lambda$  data)
- the **bottommost category** (jan and nov) are the physical tables underlying the catalogues and are provided as **demo** too. The latter two categories may be removed in the future at short notice.

## 3.e: Tables in the XXL workspace

Tables Simple Advanced Get all columns

TABLES	CORRELATION
X-ray individual (physical) tables	
north33	<input checked="" type="checkbox"/>
south33	<input type="checkbox"/>
north33b	<input type="checkbox"/>
north33cd	<input type="checkbox"/>
south33b	<input type="checkbox"/>
south33cd	<input type="checkbox"/>
north33dup	<input type="checkbox"/>
south33dup	<input type="checkbox"/>
Observation status info	
xxlpointrngs	<input type="checkbox"/>
XLSS merged tables (views)	
2XLSSd	<input type="checkbox"/>

Do not apply correlation

- you may select **one**, two or more tables ticking on the tick box near the name
- More than 2 tables will query them independently in parallel
- never use "on identifier match": is unsupported !
- A query on two tables may show possible correlation tables
- always select an existing correlation table for a correlated (and more efficient) query. Uncorrelated queries will be very slow and shall be used only when the query specifies the return of very few objects.

## 3.f: Tables in the XXL workspace

Tables Simple Advanced Get all columns

TABLES		CORRELATION	
X-ray individual (physical) tables		By Identifier match	<input type="radio"/>
north33	<input checked="" type="checkbox"/>	Do not apply correlation	<input checked="" type="radio"/>
south33	<input checked="" type="checkbox"/>		
north33b	<input checked="" type="checkbox"/>		
north33:od	<input type="checkbox"/>		
south33b	<input type="checkbox"/>		
south33:od	<input type="checkbox"/>		
north33dup	<input type="checkbox"/>		
south33dup	<input type="checkbox"/>		
Observation status info			
xxpointings	<input type="checkbox"/>		
XLSS merged tables (views)			
2XLSSd	<input type="checkbox"/>		

- you may select one, two or **more** tables ticking on the tick box near the name
- **More than 2** tables will query them **independently in parallel**
- never use "on identifier match": is unsupported !
- A query on two tables may show possible correlation tables
- always select an existing correlation table for a correlated (and more efficient) query. Uncorrelated queries will be very slow and shall be used only when the query specifies the return of very few objects.



# 3.g: Tables in the XXL workspace

Tables Simple Advanced Get all columns

TABLES		CORRELATION	
X-ray individual (physical) tables		any identifier match	<input checked="" type="checkbox"/> no !
north33	<input checked="" type="checkbox"/>	Do not apply correlation	<input checked="" type="checkbox"/>
south33	<input checked="" type="checkbox"/>		
north33b	<input checked="" type="checkbox"/>		
north33cd	<input type="checkbox"/>		
south33b	<input type="checkbox"/>		
south33cd	<input type="checkbox"/>		
north33dup	<input type="checkbox"/>		
south33dup	<input type="checkbox"/>		
Observation status info			
xxlpointings	<input type="checkbox"/>		
XLSS merged tables (views)			
2XLSSd	<input type="checkbox"/>		

- you may select one, two or **more** tables ticking on the tick box near the name
- More than 2 tables will query them independently in parallel
- **never** use "on identifier match": **is unsupported !**
- A query on two tables may show possible correlation tables
- always select an existing correlation table for a correlated (and more efficient) query. Uncorrelated queries will be very slow and shall be used only when the query specifies the return of very few objects.

## 3.h: Tables in the XXL workspace

Tables	Simple	Advanced	Get all columns
TABLES			
X-ray individual (physical) tables			
north33	<input checked="" type="checkbox"/>		
south33	<input type="checkbox"/>		
north33b	<input checked="" type="checkbox"/>		
north33cd	<input type="checkbox"/>		
south33b	<input type="checkbox"/>		
south33cd	<input type="checkbox"/>		
north33dup	<input type="checkbox"/>		
south33dup	<input type="checkbox"/>		
Observation status info			
xxpointings	<input type="checkbox"/>		
XLSS merged tables (views)			
2XLSSd	<input type="checkbox"/>		

CORRELATION	
on our own XAmin identifier	<input checked="" type="radio"/>
By identifier match	<input type="radio"/>
Do not apply correlation	<input type="radio"/>

- you may select one, **two** or more tables ticking on the tick box near the name
- More than 2 tables will query them independently in parallel
- never use "on identifier match": is unsupported !
- A query on **two tables** may show possible **correlation tables**
- always select an existing correlation table for a correlated (and more efficient) query. Uncorrelated queries will be very slow and shall be used only when the query specifies the return of very few objects.

## 3.i: Tables in the XXL workspace

Tables Simple Advanced Get all columns

TABLES	
X-ray individual (physical) tables	
north33	<input checked="" type="checkbox"/>
south33	<input type="checkbox"/>
north33b	<input checked="" type="checkbox"/>
north33cd	<input type="checkbox"/>
south33b	<input type="checkbox"/>
south33cd	<input type="checkbox"/>
north33dup	<input type="checkbox"/>
south33dup	<input type="checkbox"/>
Observation status info	
xxpointings	<input type="checkbox"/>
XLSS merged tables (views)	
2XLSSd	<input type="checkbox"/>

CORRELATION	
on our own XAmin identifier	<input checked="" type="radio"/>
on our own XAmin table	<input type="radio"/>
Do not apply correlation	<input type="radio"/>

no !

- you may select one, **two** or more tables ticking on the tick box near the name
- More than 2 tables will query them independently in parallel
- **never** use "on identifier match": **is unsupported !**
- A query on **two tables** may show possible correlation tables
- always select an existing correlation table for a correlated (and more efficient) query. Uncorrelated queries will be very slow and shall be used only when the query specifies the return of very few objects.

## 3.j: Tables in the XXL workspace

Tables	Simple	Advanced	Get all columns
TABLES			
X-ray individual (physical) tables			
north33	<input checked="" type="checkbox"/>		
south33	<input type="checkbox"/>		
north33b	<input checked="" type="checkbox"/>		
north33cd	<input type="checkbox"/>		
south33b	<input type="checkbox"/>		
south33cd	<input type="checkbox"/>		
north33dup	<input type="checkbox"/>		
south33dup	<input type="checkbox"/>		
Observation status info			
xxpointings	<input type="checkbox"/>		
XLSS merged tables (views)			
2XLSSd	<input type="checkbox"/>		

CORRELATION	
on our own XAmin identifier	<input checked="" type="checkbox"/>
By identifier match	<input type="checkbox"/>
Do not apply correlation	<input type="checkbox"/>

- you may select one, **two** or more tables ticking on the tick box near the name
- More than 2 tables will query them independently in parallel
- never use "on identifier match": is unsupported !
- A query on **two tables** may show possible correlation tables
- always select an **existing correlation table** for a correlated (and more efficient) query. Uncorrelated queries will be very slow and shall be used only when the query specifies the return of very few objects.

## 3.k: Tables in the XXL workspace

TABLES		CORRELATION	
X-ray individual (physical) tables		Do not apply correlation <input type="checkbox"/>	
north33	<input checked="" type="checkbox"/>		
south33	<input type="checkbox"/>		
north33b	<input type="checkbox"/>		
north33cd	<input type="checkbox"/>		
south33b	<input type="checkbox"/>		
south33cd	<input type="checkbox"/>		
north33dup	<input type="checkbox"/>		
south33dup	<input type="checkbox"/>		
Observation status info			
xxlpointrngs	<input type="checkbox"/>		
XLSS merged tables (views)			
2xlSSd	<input type="checkbox"/>		

- to **get information** on a table click on its **name** even if it is not selected yet !
- that will open a new window with table notes and in particular a list of all columns ordered by category. There may be also additional information inclusive of a link to the log file.
- Clicking on a column name will display specific column notes. The same notes may apply to a family of similar columns.

# 3.I: Tables in the XXL workspace

Table: north33

Description: X-ray band merged (incl. spurious) XAmin v3.3 North area (XMM-LS/CFHTLS)

This table contains the following column categories:

- [General metadata](#)
- [Extended source info](#)
- [Auxiliary metadata](#)
- [Coordinates](#)
- [Photometric info](#)
- [Observation related info](#)

## Description of north33 band merged database table

north33 is based on the Xamin processing by Saday (with the XAmin Python 3.3 pipeline) of the northern (CFHTLS/XMM-LSS area) fields.

The database ingestion and band merging procedure is however *essentially analogous* to the one of `joint1` or `joint11` XMM-LSS data (XAmin 3.2), i.e. the band merging is done at **10 arcsec**, using only bands B and CD (0.5-2 ans 2-10 keV) and ignoring V3.3 new features like "double fits", while minor differences in the 3.3 format are accounted for (and explained in column related notes).

A log of the database actions related to north33\* are [reported separately](#).

Table columns information

Name	Description	Data type	Unit	VD-UCD
General metadata [up]				
<a href="#">seq</a>	* sequence number of record in table	int	--	
<a href="#">fieldName</a>	* mnemonic id for celestial field (pointing)	char	--	
<a href="#">field</a>	* numeric id for celestial field (pointing)	int	--	
<a href="#">id</a>	* id of target	char	--	
Extended source info [up]				
<a href="#">colC2</a>	* 1 for C1, 2 for C2, 0 otherwise	int	--	
<a href="#">extended</a>	1 for extended, 0 for point-like objects	int	--	
<a href="#">coreRadB</a>	* core radius, band B	float	arcsec	
<a href="#">extLikB</a>	Extension likelihood in band B	float	--	
<a href="#">coreRadCD</a>	* core radius, band CD	float	arcsec	
<a href="#">extLikCD</a>	Extension likelihood in band CD	float	--	
Auxiliary metadata [up]				
<a href="#">badfield</a>	0 for good, 1 for bad pointings	int	--	

- to get information on a table click on its name even if it is not selected yet !
- that will open a **new window with table notes** and in particular a list of all columns ordered by category. There may be also additional information inclusive of a link to the log file.
- Clicking on a column name will display specific column notes. The same notes may apply to a family of similar columns.

# 3.m: Tables in the XXL workspace

Table: north33

Description: X-ray band merged (incl. spurious) XAmin v3.3 North area (XMM-LS/CFHTLS)

This table contains the following column categories:

- [General metadata](#)
- [Extended source info](#)
- [Auxiliary metadata](#)
- [Coordinates](#)
- [Photometric info](#)
- [Observation related info](#)

## Description of north33 band merged database table

north33 is based on the XAmin processing by Saday (with the XAmin Python 3.3 pipeline) of the northern (CFHTLS/XMM-LSS area) fields.

The database ingestion and band merging procedure is however *essentially analogous* to the one of `joint1` or `joint11` XMM-LSS data (XAmin 3.2), i.e. the band merging is done at **10 arcsec**, using only bands B and CD (0.5-2 ans 2-10 keV) and ignoring V3.3 new features like "double fits", while minor differences in the 3.3 format are accounted for (and explained in column related notes).

A log of the database actions related to north33\* are [reported separately](#).

Table columns information

Name	Description	Data type	Unit	VO-UCD
General metadata [up]				
seq	* sequence number of record in table	int	--	
fieldName	* mnemonic id for celestial field (pointing)	char	--	
field	* numeric id for celestial field (pointing)	int	--	
id	* id of target	char	--	
Extended source info [up]				
size	* 1 for C1, 2 for C2, 0 otherwise	int	--	
extended	1 for extended, 0 for point-like objects	int	--	
coreRadB	* core radius, band B	float	arcsec	
extLikB	Extension likelihood in band B	float	--	
coreRadCD	* core radius, band CD	float	arcsec	
extLikCD	Extension likelihood in band CD	float	--	
Auxiliary metadata [up]				
badField	0 for good, 1 for bad pointings	int	--	

- to get information on a table click on its name even if it is not selected yet !
- that will open a new window with table notes and in particular a list of all **columns** ordered by category. There may be also additional information inclusive of a link to the log file.
- Clicking on a column name will display specific column notes. The same notes may apply to a family of similar columns.

# 3.n: Tables in the XXL workspace

Table: north33

Description: X-ray band merged (incl. spurious) XAmin v3.3 North area (XMM-LS/CFHTLS)

This table contains the following column categories:

- General metadata
- Extended source info
- Auxiliary metadata
- Coordinates
- Photometric info
- Observation related info

## Description of north33 band merged database table

north33 is based on the Xamin processing by Saday (with the XAmin Python 3.3 pipeline) of the northern (CFHTLS/XMM-LSS area) fields.

The database ingestion and band merging procedure is however *essentially analogous* to the one of `joint1` or `joint11` XMM-LSS data (XAmin 3.2), i.e. the band merging is done at **10 arcsec**, using only bands B and CD (0.5-2 ans 2-10 keV) and ignoring V3.3 new features like "double fits", while minor differences in the 3.3 format are accounted for (and explained in column related notes).

A log of the database actions related to north33\* are [reported separately](#).

Table columns information

Name	Description	Data type	Unit	VD-UCD
General metadata [up]				
<a href="#">seq</a>	* sequence number of record in table	int	--	
<a href="#">fieldName</a>	* mnemonic id for celestial field (pointing)	char	--	
<a href="#">field</a>	* numeric id for celestial field (pointing)	int	--	
<a href="#">id</a>	* id of target	char	--	
Extended source info [up]				
<a href="#">colC2</a>	* 1 for C1, 2 for C2, 0 otherwise	int	--	
<a href="#">extended</a>	1 for extended, 0 for point-like objects	int	--	
<a href="#">coreRadB</a>	* core radius, band B	float	arcsec	
<a href="#">extLikB</a>	Extension likelihood in band B	float	--	
<a href="#">coreRadCD</a>	* core radius, band CD	float	arcsec	
<a href="#">extLikCD</a>	Extension likelihood in band CD	float	--	
Auxiliary metadata [up]				
<a href="#">badfield</a>	0 for good, 1 for bad pointings	int	--	

- to get information on a table click on its name even if it is not selected yet !
- that will open a new window with table notes and in particular a list of all columns ordered by **category**. There may be also additional information inclusive of a link to the log file.
- Clicking on a column name will display specific column notes. The same notes may apply to a family of similar columns.



# 3.o: Tables in the XXL workspace

## Table: north33

Description: X-ray band merged (incl. spurious) XAmin v3.3 North area (XMM-LS/CFHTLS)

This table contains the following column categories:

- [General metadata](#)
- [Extended source info](#)
- [Auxiliary metadata](#)
- [Coordinates](#)
- [Photometric info](#)
- [Observation related info](#)

### Description of north33 band merged database table

north33 is based on the XAmin processing by Saday (with the XAmin Python 3.3 pipeline) of the northern (CFHTLS/XMM-LSS area) fields.

The database ingestion and band merging procedure is however *essentially* analogous to the one of `jwst11` or `swy11` XMM-LSS data (XAmin 3.2), i.e. the band merging is done at **10 arcsec**, using only bands B and CD (0.5-2 and 2-10 keV) and ignoring v3.3 new features like "double fits", while minor differences in the 3.3 format are accounted for (and explained in column related notes).

A log of the database actions related to north33\* are [reported separately](#).

#### Table columns information

Name	Description	Data type	Unit	VD-UCD
General metadata [up]				
<a href="#">seq</a>	* sequence number of record in table	int	--	
<a href="#">fieldName</a>	* mnemonic id for celestial field (pointing)	char	--	
<a href="#">field</a>	* numeric id for celestial field (pointing)	int	--	
<a href="#">id</a>	* id of target	char	--	
Extended source info [up]				
<a href="#">objid</a>	* 1 for C1, 2 for C2, 0 otherwise	int	--	
<a href="#">extended</a>	1 for extended, 0 for point-like objects	int	--	
<a href="#">coreradiusB</a>	* core radius, band B	float	arcsec	
<a href="#">extlikB</a>	Extension likelihood in band B	float	--	
<a href="#">coreradiusCD</a>	* core radius, band CD	float	arcsec	
<a href="#">extlikCD</a>	Extension likelihood in band CD	float	--	
Auxiliary metadata [up]				
<a href="#">badfield</a>	0 for good, 1 for bad pointings	int	--	

- to get information on a table click on its name even if it is not selected yet !
- that will open a new window with table notes and in particular a list of all columns ordered by category. There may be also **additional information** inclusive of a link to the log file.
- Clicking on a column name will display specific column notes. The same notes may apply to a family of similar columns.

# 3.p: Tables in the XXL workspace

Table: north33

Description: X-ray band merged (incl. spurious) XAmin v3.3 North area (XMM-LS/CFHTLS)

This table contains the following column categories:

- [General metadata](#)
- [Extended source info](#)
- [Auxiliary metadata](#)
- [Coordinates](#)
- [Photometric info](#)
- [Observation related info](#)

## Description of north33 band merged database table

north33 is based on the Xamin processing by Saday (with the XAmin Python 3.3 pipeline) of the northern (CFHTLS/XMM-LSS area) fields.

The database ingestion and band merging procedure is however *essentially analogous* to the one of `joint1` or `way11` XMM-LSS data (XAmin 3.2), i.e. the band merging is done at **10 arcsec**, using only bands B and CD (0.5-2 ans 2-10 keV) and ignoring V3.3 new features like "double fits", while minor differences in the 3.3 format are accounted for (and explained in column related notes).

A log of the database actions related to north33\* are [reported separately](#).

Table columns information

Name	Description	Data type	Unit	VD-UCD
General metadata [up]				
<a href="#">seq</a>	* sequence number of record in table	int	--	
<a href="#">fieldName</a>	* mnemonic id for celestial field (pointing)	char	--	
<a href="#">field</a>	* numeric id for celestial field (pointing)	int	--	
<a href="#">id</a>	* id of target	char	--	
Extended source info [up]				
<a href="#">colC2</a>	* 1 for C1, 2 for C2, 0 otherwise	int	--	
<a href="#">extended</a>	1 for extended, 0 for point-like objects	int	--	
<a href="#">coreRadB</a>	* core radius, band B	float	arcsec	
<a href="#">extLikB</a>	Extension likelihood in band B	float	--	
<a href="#">coreRadCD</a>	* core radius, band CD	float	arcsec	
<a href="#">extLikCD</a>	Extension likelihood in band CD	float	--	
Auxiliary metadata [up]				
<a href="#">badfield</a>	0 for good, 1 for bad pointings	int	--	

- to get information on a table click on its name even if it is not selected yet !
- that will open a new window with table notes and in particular a list of all columns ordered by category. There may be also additional information inclusive of a link to the **log file**.
- Clicking on a column name will display specific column notes. The same notes may apply to a family of similar columns.

# 3.q: Tables in the XXL workspace

Table: north33

Description: X-ray band merged (incl. spurious) XAmin v3.3 North area (XMM-LS/CFHTLS)

This table contains the following column categories:

- [General metadata](#)
- [Extended source info](#)
- [Auxiliary metadata](#)
- [Coordinates](#)
- [Photometric info](#)
- [Observation related info](#)

## Description of north33 band merged database table

north33 is based on the Xamin processing by Saday (with the XAmin Python 3.3 pipeline) of the northern (CFHTLS/XMM-LSS area) fields.

The database ingestion and band merging procedure is however *essentially analogous* to the one of `joint1` or `joint11` XMM-LSS data (XAmin 3.2), i.e. the band merging is done at **10 arcsec**, using only bands B and CD (0.5-2 ans 2-10 keV) and ignoring V3.3 new features like "double fits", while minor differences in the 3.3 format are accounted for (and explained in column related notes).

A log of the database actions related to north33\* are [reported separately](#).

### Table columns information

Name	Description	Data type	Unit	VD-UCD
General metadata [up]				
<a href="#">seq</a>	* sequence number of record in table	int	--	
<a href="#">fieldName</a>	* mnemonic id for celestial field (pointing)	lchar	--	
<a href="#">field</a>	* numeric id for celestial field (pointing)	int	--	
<a href="#">id</a>	* id of target	char	--	
Extended source info [up]				
<a href="#">colC2</a>	* 1 for C1, 2 for C2, 0 otherwise	int	--	
<a href="#">extended</a>	1 for extended, 0 for point-like objects	int	--	
<a href="#">coreRadB</a>	* core radius, band B	float	arcsec	
<a href="#">extLikB</a>	Extension likelihood in band B	float	--	
<a href="#">coreRadCD</a>	* core radius, band CD	float	arcsec	
<a href="#">extLikCD</a>	Extension likelihood in band CD	float	--	
Auxiliary metadata [up]				
<a href="#">badfield</a>	0 for good, 1 for bad pointings	int	--	

- to get information on a table click on its name even if it is not selected yet !
- that will open a new window with table notes and in particular a list of all columns ordered by category. There may be also additional information inclusive of a link to the log file.
- Clicking on a **column name** will display specific column notes. The same notes may apply to a family of similar columns.

## 3.r: Tables in the XXL workspace

Table: north33

Column: FieldName  
Description: \* mnemonic id for celestial field (pointing)  
Data type: char  
Unit: --  
Plot caption: Field name  
VO UCD:  
VO type: char  
Format:

• note 2 (field `FieldName`):

X-ray pointings can be identified in several ways:

- A combination of the ESA ObsId, exposure id and target name, which, though recorded in the FITS header, are outside of our control.
- A mnemonic name generated by us (more specifically by Saday). This code is currently associated to filenames of files produced by XAmin and is of the form `XXL.yymm-pp` for northern pointings and `XXL.yymm-pp` for southern pointings. `yyyy` is an arbitrary number referring to the mosaic group, while `pp` identifies the individual pointing in the mosaic. The mnemonic code is stored in the (primary key) column `FieldName`.  
If a "bad" pointing will need to be repeated it will get a code like `XXLn007-14b` with suffix `b,c` (the original bad might be resuffixed `a`).
- A numeric code, which may be handier to use (e.g. to define ranges) within the database. The current proposal is to use a numeric code `11mmmmpp` for northern initial ("a") and `21mmmmpp` for southern initial pointings. Eventual repeats ("b","c" etc.) will be of the form `1kmmmmpp` or `2kmmmmpp` with `k=2,3,...`
- It is planned to keep a table of pointings on the wiki as well as a table in the database.

- to get information on a table click on its name even if it is not selected yet !
- that will open a new window with table notes and in particular a list of all columns ordered by category. There may be also additional information inclusive of a link to the log file.
- Clicking on a column name will display specific **column notes**. The same notes may apply to a family of similar columns.

## 4.a: Performing a query

Tables Simple Advanced Get all columns

TABLES		CORRELATION	
X-ray individual (physical) tables		Do not apply correlation <input type="radio"/>	
north33	<input checked="" type="checkbox"/>		
south33	<input type="checkbox"/>		
north33b	<input type="checkbox"/>		
north33cd	<input type="checkbox"/>		
south33b	<input type="checkbox"/>		
south33cd	<input type="checkbox"/>		
north33dup	<input type="checkbox"/>		
south33dup	<input type="checkbox"/>		
Observation status info			
xxlpintings	<input type="checkbox"/>		
XLSS merged tables (views)			
2xlSSd	<input type="checkbox"/>		

- There are **three types of queries** possible on one or more tables

## 4.b: Performing a query

Tables: Simple **Advanced** Get all columns

TABLES		CORRELATION	
X-ray individual (physical) tables		Do not apply correlation <input type="radio"/>	
north33	<input checked="" type="checkbox"/>		
south33	<input type="checkbox"/>		
north33b	<input type="checkbox"/>		
north33cd	<input type="checkbox"/>		
south33b	<input type="checkbox"/>		
south33cd	<input type="checkbox"/>		
north33dup	<input type="checkbox"/>		
south33dup	<input type="checkbox"/>		
Observation status info			
xxlpointrngs	<input type="checkbox"/>		
XLSS merged tables (views)			
2xlSSd	<input type="checkbox"/>		

- There are three types of queries possible on one or more tables
- simple** assisted queries allowing to select a set of columns and simple (ANDed) conditions
- advanced queries allowing usage of full mysql syntax
- a special query to retrieve all data in a table and take it home, **without any intermediate step**. I advise against this, and recommend using the other queries which exploit better the database capabilities

## 4.c: Performing a query

Tables   Simple   **Advanced**   Get all columns

TABLES		CORRELATION	
X-ray individual (physical) tables		Do not apply correlation <input type="radio"/>	
north33	<input checked="" type="checkbox"/>		
south33	<input type="checkbox"/>		
north33b	<input type="checkbox"/>		
north33cd	<input type="checkbox"/>		
south33b	<input type="checkbox"/>		
south33cd	<input type="checkbox"/>		
north33dup	<input type="checkbox"/>		
south33dup	<input type="checkbox"/>		
Observation status info			
xxlpointrngs	<input type="checkbox"/>		
XLSS merged tables (views)			
2xlSSd	<input type="checkbox"/>		

- There are three types of queries possible on one or more tables
- simple assisted queries allowing to select a set of columns and simple (ANDed) conditions
- **advanced** queries allowing usage of full **mysql** syntax
- a special query to retrieve all data in a table and take it home, **without any intermediate step**. I advise against this, and recommend using the other queries which exploit better the database capabilities

## 4.d: Performing a query

Tables   Simple   Advanced   **Get all columns**

TABLES		CORRELATION	
X-ray individual (physical) tables		Do not apply correlation <input type="radio"/>	
north33	<input checked="" type="checkbox"/>		
south33	<input type="checkbox"/>		
north33b	<input type="checkbox"/>		
north33cd	<input type="checkbox"/>		
south33b	<input type="checkbox"/>		
south33cd	<input type="checkbox"/>		
north33dup	<input type="checkbox"/>		
south33dup	<input type="checkbox"/>		
Observation status info			
xxlpointrngs	<input type="checkbox"/>		
XLSS merged tables (views)			
2xlSSd	<input type="checkbox"/>		

- There are three types of queries possible on one or more tables
- simple assisted queries allowing to select a set of columns and simple (ANDed) conditions
- advanced queries allowing usage of full mysql syntax
- a special query to retrieve **all data in a table** and take it home, **without any intermediate step**. I advise against this, and recommend using the other queries which exploit better the database capabilities



## 4.e: Performing a query

Tables Simple Advanced Get all columns

TABLES		CORRELATION	
X-ray individual (physical) tables		Do not apply correlation <input type="checkbox"/>	
north33	<input checked="" type="checkbox"/>		
south33	<input type="checkbox"/>		
north33b	<input type="checkbox"/>		
north33cd	<input type="checkbox"/>		
south33b	<input type="checkbox"/>		
south33cd	<input type="checkbox"/>		
north33dup	<input type="checkbox"/>		
south33dup	<input type="checkbox"/>		
Observation status info			
xxlpointrngs	<input type="checkbox"/>		
XLSS merged tables (views)			
2xlSSd	<input type="checkbox"/>		

- There are three types of queries possible on one or more tables
- To perform a **simple query** click the relevant tab.
- This will lead to a new form with several tabs, allowing to enter special conditions. In particular one shall always select the output columns and should give some conditions.
- Click the Output tab to access the form, which allows to tick the columns which you want to include in the output.
- Column listing can be restricted by category using the menu, and clicking on a column name will lead to the usual window with column notes
- Click the By parameter tab to access the form, which allows to give conditions on specific columns. **All conditions are ANDed.**
- When the preparation of the query is complete, submit it clicking the appropriate button.

## 4.f: Performing a query

Tables **By Position** By Input List By Parameters Output

CIRCULAR SEARCH

CENTER RIGHT ASCENSION	<input type="text"/>
CENTER DECLINATION	<input type="text"/>
RADIUS (degrees)	<input type="text"/>
<input type="button" value="Clear all"/>	

RECTANGULAR SEARCH

<input type="text"/>	<= RIGHT ASCENSION <=	<input type="text"/>
<input type="text"/>	<= DECLINATION <=	<input type="text"/>
<input type="button" value="Clear all"/>		

**SUBMIT THE QUERY**

- There are three types of queries possible on one or more tables
- To perform a simple query click the relevant tab.
- This will lead to a new form with **several tabs**, allowing to enter special conditions. In particular one shall always select the output columns and should give some conditions.
- Click the Output tab to access the form, which allows to tick the columns which you want to include in the output.
- Column listing can be restricted by category using the menu, and clicking on a column name will lead to the usual window with column notes
- Click the By parameter tab to access the form, which allows to give conditions on specific columns. **All conditions are ANDed.**
- When the preparation of the query is complete, submit it clicking the appropriate button.

## 4.g: Performing a query

Tables By Position By Input List By Parameters **Output**

CIRCULAR SEARCH

CENTER RIGHT ASCENSION	<input type="text"/>
CENTER DECLINATION	<input type="text"/>
RADIUS (degrees)	<input type="text"/>
<input type="button" value="Clear all"/>	

RECTANGULAR SEARCH

<input type="text"/>	<= RIGHT ASCENSION <=	<input type="text"/>
<input type="text"/>	<= DECLINATION <=	<input type="text"/>
<input type="button" value="Clear all"/>		

**SUBMIT THE QUERY**

- There are three types of queries possible on one or more tables
- To perform a simple query click the relevant tab.
- This will lead to a new form with several tabs, allowing to enter special conditions. In particular one shall always select the **output columns** and should give some conditions.
- Click the **Output** tab to access the form, which allows to tick the columns which you want to include in the output.
- Column listing can be restricted by category using the menu, and clicking on a column name will lead to the usual window with column notes
- Click the By parameter tab to access the form, which allows to give conditions on specific columns. *All conditions are ANDed.*
- When the preparation of the query is complete, submit it clicking the appropriate button.

## 4.h: Performing a query

The screenshot shows a query builder interface with the following elements:

- Navigation tabs: Tables, By Position, By Input List, By Parameters, **Output** (selected).
- Table selection: A dropdown menu showing 'id'.
- Table grid: A table with columns 'ssa', 'field', and 'id'. The 'ssa' column has a red square and a dropdown arrow. The 'field' column has a red square and a dropdown arrow. The 'id' column has a white square and a dropdown arrow.
- Section: Identifiers
- Field name: A dropdown menu.
- Section: Auxiliary metadata
- Columns: 'badfield', 'time', 'anonymous', 'detikb'. 'ssa' and 'anonymous' have red squares. 'badfield', 'time', and 'detikb' have white squares. All have dropdown arrows.
- Buttons: A 'SUBMIT THE QUERY' button at the bottom.

- There are three types of queries possible on one or more tables
- To perform a simple query click the relevant tab.
- This will lead to a new form with several tabs, allowing to enter special conditions. In particular one shall always select the **output columns** and should give some conditions.
- Click the Output tab to access the form, which allows to **tick the columns** which you want to include in the output.
- Column listing can be restricted by category using the menu, and clicking on a column name will lead to the usual window with column notes
- Click the By parameter tab to access the form, which allows to give conditions on specific columns. *All conditions are ANDed.*
- When the preparation of the query is complete, submit it clicking the appropriate button.

## 4.i: Performing a query

The screenshot shows a query builder interface with the following components:

- Navigation tabs: Tables, By Position, By Input List, By Parameters, **Output**
- Table selection: 'id' (dropdown)
- Columns section:
  - sea:  [dropdown]
  - Identifiers: [dropdown]
  - id**:  [dropdown]
  - field:  [dropdown]
  - id:  [dropdown]
- Auxiliary metadata section:
  - badfield:  [dropdown]
  - time:  [dropdown]
  - anonymous:  [dropdown]
  - detikb:  [dropdown]
- Submit button: **SUBMIT THE QUERY**

- There are three types of queries possible on one or more tables
- To perform a simple query click the relevant tab.
- This will lead to a new form with several tabs, allowing to enter special conditions. In particular one shall always select the output columns and should give some conditions.
- Click the Output tab to access the form, which allows to tick the columns which you want to include in the output.
- Column listing can be restricted by category using the menu, and clicking on a **column name** will lead to the usual window with column notes
- Click the By parameter tab to access the form, which allows to give conditions on specific columns. *All conditions are ANDed.*
- When the preparation of the query is complete, submit it clicking the appropriate button.

## 4.j: Performing a query

Table: north33

Column: FieldName  
Description: \* mnemonic id for celestial field (pointing)  
Data type: char  
Unit: --  
Plot caption: Field name  
VO UCD:  
VO type: char  
Format:

• note 2 (field `FieldName`):

X-ray pointings can be identified in several ways:

- A combination of the ESA ObsId, exposure id and target name, which, though recorded in the FITS header, are outside of our control.
- A mnemonic name generated by us (more specifically by `Saday`). This code is currently associated to filenames of files produced by `XAMin` and is of the form `XXLname-pp` for northern pointings and `XXLname-pp` for southern pointings. `mmmm` is an arbitrary number referring to the mosaic group, while `pp` identifies the individual pointing in the mosaic. The mnemonic code is stored in the (primary key) column `FieldName`.  
If a "bad" pointing will need to be repeated it will get a code like `XXLN007-14b` with suffix `b,c` (the original bad might be resuffixed `a`).
- A numeric code, which may be handier to use (e.g. to define ranges) within the database. The current proposal is to use a numeric code `11mmmmpp` for northern initial ("a") and `21mmmmpp` for southern initial pointings. Eventual repeats ("b", "c" etc.) will be of the form `1kmmmmpp` or `2kmmmmpp` with `k=2,3,...`
- It is planned to keep a table of pointings on the wiki as well as a table in the database.

- There are three types of queries possible on one or more tables
- To perform a simple query click the relevant tab.
- This will lead to a new form with several tabs, allowing to enter special conditions. In particular one shall always select the output columns and should give some conditions.
- Click the Output tab to access the form, which allows to tick the columns which you want to include in the output.
- Column listing can be restricted by category using the menu, and clicking on a column name will lead to the usual **window with column notes**
- Click the By parameter tab to access the form, which allows to give conditions on specific columns. **All conditions are ANDed.**
- When the preparation of the query is complete, submit it clicking the appropriate button.

## 4.k: Performing a query

The screenshot shows a query builder interface with the following elements:

- Navigation tabs: Tables, By Position, By Input List, **By Parameters** (selected), Output
- Table selection: 'tbl' dropdown
- Table grid:

ssa	<input checked="" type="checkbox"/>	▼
Identifiers		
fieldname	<input checked="" type="checkbox"/>	▼
field	<input checked="" type="checkbox"/>	▼
id	<input type="checkbox"/>	▼
- Auxiliary metadata section:

badfield	<input type="checkbox"/>	▼
time	<input type="checkbox"/>	▼
anonymous	<input checked="" type="checkbox"/>	▼
detkch	<input type="checkbox"/>	▼
- Bottom button: **SUBMIT THE QUERY**

- There are three types of queries possible on one or more tables
- To perform a simple query click the relevant tab.
- This will lead to a new form with several tabs, allowing to enter special conditions. In particular one shall always select the output columns and should give some **conditions**.
- Click the Output tab to access the form, which allows to tick the columns which you want to include in the output.
- Column listing can be restricted by category using the menu, and clicking on a column name will lead to the usual window with column notes
- Click the **By parameter** tab to access the form, which allows to give conditions on specific columns. **All conditions are ANDed**.
- When the preparation of the query is complete, submit it clicking the appropriate button.

## 4.I: Performing a query

Tables By Position By Input List **By Parameters** Output

all

	<	suspect	<		<input type="checkbox"/>
--	---	---------	---	--	--------------------------

Extended source info

	<	c1c2	<		<input type="checkbox"/>
	<	extended	<		<input type="checkbox"/>
	<	corradb	<		<input type="checkbox"/>
	<	extlib	<		<input type="checkbox"/>
	<	corradcd	<		<input type="checkbox"/>
	<	extlibcd	<		<input type="checkbox"/>

Photometric info

Fluxes

**SUBMIT THE QUERY**

- There are three types of queries possible on one or more tables
- To perform a simple query click the relevant tab.
- This will lead to a new form with several tabs, allowing to enter special conditions. In particular one shall always select the output columns and should give some **conditions**.
- Click the Output tab to access the form, which allows to tick the columns which you want to include in the output.
- Column listing can be restricted by category using the menu, and clicking on a column name will lead to the usual window with column notes
- Click the By parameter tab to access the **form**, which allows to give **conditions** on specific columns. **All conditions are ANDed**.
- When the preparation of the query is complete, submit it clicking the appropriate button.



## 4.m: Performing a query

The screenshot shows a web-based query builder interface. At the top, there are five tabs: "Tables", "By Position", "By Input List", "By Parameters" (which is highlighted in red), and "Output". Below the tabs is a dropdown menu set to "all". The main area contains a table with columns for table names and checkboxes. The table has the following rows:

Table Name	Column 1	Column 2	Column 3	Column 4	Checkbox
suspect					<input type="checkbox"/>
Extended source info					
ctc2					<input type="checkbox"/>
extended					<input type="checkbox"/>
corradb	10			20	<input type="checkbox"/>
extlib					<input type="checkbox"/>
corradcd					<input type="checkbox"/>
extlibcd					<input type="checkbox"/>
Photometric info					
Fluxes					

Below the table, there are sections for "Extended source info", "Photometric info", and "Fluxes". At the bottom of the interface is a large blue button with the text "SUBMIT THE QUERY".

- There are three types of queries possible on one or more tables
- To perform a simple query click the relevant tab.
- This will lead to a new form with several tabs, allowing to enter special conditions. In particular one shall always select the output columns and should give some conditions.
- Click the Output tab to access the form, which allows to tick the columns which you want to include in the output.
- Column listing can be restricted by category using the menu, and clicking on a column name will lead to the usual window with column notes
- Click the By parameter tab to access the form, which allows to give conditions on specific columns. **All conditions are ANDed.**
- When the preparation of the query is complete, **submit it** clicking the appropriate button.

## 4.n: Performing a query

Tables   Simple   **Advanced**   Get all columns

TABLES		CORRELATION	
X-ray individual (physical) tables		Do not apply correlation <input type="radio"/>	
north33	<input checked="" type="checkbox"/>		
south33	<input type="checkbox"/>		
north33b	<input type="checkbox"/>		
north33cd	<input type="checkbox"/>		
south33b	<input type="checkbox"/>		
south33cd	<input type="checkbox"/>		
north33dup	<input type="checkbox"/>		
south33dup	<input type="checkbox"/>		
Observation status info			
xxlpointrngs	<input type="checkbox"/>		
XLSS merged tables (views)			
2xlSSd	<input type="checkbox"/>		

- There are three types of queries possible on one or more tables
- To perform an **advanced query** click the relevant tab.
- This will lead to a new form which allows to enter complex conditions, like OR conditions, conditions involving expressions of columns, creation of output columns which are expressions of columns, accessing hidden columns, sorting etc.  
Of course this requires some familiarity with SQL.
- Here too when the preparation of the query is complete, submit it clicking the appropriate button.

## 4.o: Performing a query

Tables **Advanced**

Current table selected: north33 (of 2 available) [\[Help\]](#)

Insert into  from column list

Column list

FieldName
field
id
c1:c2
extended
ra
decl
astrocorr
corerad3
extskel3
_rab
_dec3
corerad3
extsk3cd
_rad3
_dec3d

Filter columns by category:

Output columns:  
north33.seq, north33.FieldName, north33.id, north33b.id,  
north33b.c1cd, north33b.offaxis

Selection condition:  
north33.extended=1

Sort by:  
north33.FieldName, north33.seq

Limit:

**SUBMIT THE QUERY**

- There are three types of queries possible on one or more tables
- To perform an advanced query click the relevant tab.
- This will lead to a new form which allows to enter complex conditions, like OR conditions, conditions involving expressions of columns, creation of output columns which are expressions of columns, accessing hidden columns, sorting etc. Of course this requires some familiarity with SQL.
- Here too when the preparation of the query is complete, submit it clicking the appropriate button.

## 4.p: Performing a query

Tables **Advanced**

Current table selected: north33 (of 2 available) [\[Help\]](#)

Insert into  from column list

Column list

FieldName
field
id
c1:c2
extended
ra
decl
astrocorr
corerad3
extskelab
_rab
_decb
coreradcd
extskelcd
_radcd
_deccd

Filter columns by category:

Output columns:  
north33.seq, north33.FieldName, north33.id, north33b.id,  
north33b.c1cd, north33b.offaxis

Selection condition:  
north33.extended=1

Sort by:  
north33.FieldName, north33.seq

Limit:

**SUBMIT THE QUERY**

- There are three types of queries possible on one or more tables
- To perform an advanced query click the relevant tab.
- This will lead to a new form which allows to enter complex conditions, like OR conditions, conditions involving expressions of columns, creation of output columns which are expressions of columns, accessing hidden columns, sorting etc. Of course this requires some familiarity with SQL.
- Here too when the preparation of the query is complete, **submit it** clicking the appropriate button.

## 5.a: Accessing the results of a query

Your query on north33 correlated with north33b contains 35 objects

[View data](#)

[Plot result](#)

[Retrieve all objects related files](#)

Save as  ASCII (.txt)  Automatic file name extension

Sessagesimal coordinate conversion

Save query definition as

- The results of the last query are accessible from this form. Consult [the main help file for details](#)
- Among the various functions in particular one can view the results on the screen or save them to a file for later retrieval.
- One can also access the associated data products clicking on the appropriate link.
- This will present a contracted tree of the kind of data products available.
- Clicking on the plus/minus markers one can expand selectively a category and finally click on the data product file to be retrieved
- while clicking on the folder icon one accesses a descriptive note for the specific data product.

## 5.b: Accessing the results of a query

Your query on north33 correlated with north33b contains 35 objects

[View data](#)

[Plot result](#)

[Retrieve all objects related files](#)

Save as  ASCII (.txt)  Automatic file name extension

[Save](#)

Sessagesimal coordinate conversion

Save query definition as  [Save](#)

- The results of the last query are accessible from this form. Consult [the main help file for details](#)
- Among the various functions in particular one can **view** the results on the screen or save them to a file for later retrieval.
- One can also access the associated data products clicking on the appropriate link.
- This will present a contracted tree of the kind of data products available.
- Clicking on the plus/minus markers one can expand selectively a category and finally click on the data product file to be retrieved
- while clicking on the folder icon one accesses a descriptive note for the specific data product.

## 5.c: Accessing the results of a query

Your query on north33 correlated with north33b contains 35 objects

[View data](#)

[Plot result](#)

[Retrieve all objects related files](#)

Save as:  ASCII (.txt)  Automatic file name extension

[Save](#)

Sessagesimal coordinate conversion

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Save query definition as:  [Save](#)

- The results of the last query are accessible from this form. Consult [the main help file for details](#)
- Among the various functions in particular one can view the results on the screen or **save** them to a file for later retrieval.
- One can also access the associated data products clicking on the appropriate link.
- This will present a contracted tree of the kind of data products available.
- Clicking on the plus/minus markers one can expand selectively a category and finally click on the data product file to be retrieved
- while clicking on the folder icon one accesses a descriptive note for the specific data product.

## 5.d: Accessing the results of a query

Your query on north33 correlated with north33b contains 35 objects

[View data](#)

[Plot result](#)

[Retrieve all objects related files](#)

Save as  ASCII (.txt)  Automatic file name extension

[Save](#)

Sessagesimal coordinate conversion

Save query definition as  [Save](#)

- The results of the last query are accessible from this form. Consult [the main help file for details](#)
- Among the various functions in particular one can view the results on the screen or save them to a file for later retrieval.
- One can also access the associated **data products** clicking on the appropriate link.
- This will present a contracted tree of the kind of data products available.
- Clicking on the plus/minus markers one can expand selectively a category and finally click on the data product file to be retrieved
- while clicking on the folder icon one accesses a descriptive note for the specific data product.



## 5.e: Accessing the results of a query

Your queries returned the following kind of data products available

Query # 1: north33 correlated with north33b

- [-] north33
  - [-] all band and camera exposure maps (tar.gz)
  - [-] all band X-ray sky images (tar.gz)
  - [-] Raw XAMIN catalogues for B (soft) band
  - [-] 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

- The results of the last query are accessible from this form. Consult [the main help file for details](#)
- Among the various functions in particular one can view the results on the screen or save them to a file for later retrieval.
- One can also access the associated data products clicking on the appropriate link.
- This will present a contracted **tree** of the kind of data products available.
- Clicking on the plus/minus markers one can expand selectively a category and finally click on the data product file to be retrieved
- while clicking on the folder icon one accesses a descriptive note for the specific data product.

## 5.f: Accessing the results of a query

Your queries returned the following kind of data products available

Query # 1: north33 correlated with north33b

- [-] north33
  - [-] all band and camera exposure maps (tar.gz)
  - [-] all band X-ray sky images (tar.gz)
  - [+] Raw XAMIN catalogues for B (soft) band
  - [-] 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

- The results of the last query are accessible from this form. Consult [the main help file for details](#)
- Among the various functions in particular one can view the results on the screen or save them to a file for later retrieval.
- One can also access the associated data products clicking on the appropriate link.
- This will present a contracted tree of the kind of data products available.
- Clicking on the **plus/minus markers** one can expand selectively a category and finally click on the data product file to be retrieved
- while clicking on the folder icon one accesses a descriptive note for the specific data product.

## 5.g: Accessing the results of a query

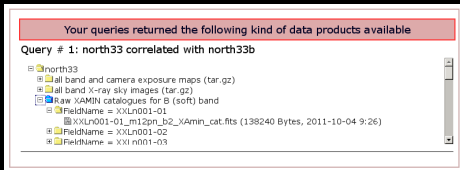
Your queries returned the following kind of data products available

Query # 1: north33 correlated with north33b

- [-] north33
  - [-] all band and camera exposure maps (tar.gz)
  - [-] all band X-ray sky images (tar.gz)
  - [-] Raw XAMIN catalogues for B (soft) band
    - [-] FieldName = XXLn001-01
      - [-] XXLn001-01\_m12pn\_b2\_XAmin\_cat.fits (138240 Bytes, 2011-10-04 9:26)
    - [-] FieldName = XXLn001-02
    - [-] FieldName = XXI n001-03

- The results of the last query are accessible from this form. Consult [the main help file for details](#)
- Among the various functions in particular one can view the results on the screen or save them to a file for later retrieval.
- One can also access the associated data products clicking on the appropriate link.
- This will present a contracted tree of the kind of data products available.
- Clicking on the plus/minus markers one can **expand** selectively a category and finally click on the data product file to be retrieved
- while clicking on the folder icon one accesses a descriptive note for the specific data product.

## 5.h: Accessing the results of a query



Your queries returned the following kind of data products available

Query # 1: north33 correlated with north33b

- [-] north33
  - [-] all band and camera exposure maps (tar.gz)
  - [-] all band X-ray sky images (tar.gz)
  - [-] Raw XAMIN catalogues for B (soft) band
    - [-] FieldName = XXLn001-01
      - [-] XXLn001-01\_m12pn\_b2\_XAmin\_cat.fits (138240 Bytes, 2011-10-04 9:26)
    - [-] FieldName = XXLn001-02
    - [-] FieldName = XXLn001-03

- The results of the last query are accessible from this form. Consult [the main help file for details](#)
- Among the various functions in particular one can view the results on the screen or save them to a file for later retrieval.
- One can also access the associated data products clicking on the appropriate link.
- This will present a contracted tree of the kind of data products available.
- Clicking on the plus/minus markers one can expand selectively a category and finally click on the data product file to be retrieved
- while clicking on the **folder icon** one accesses a descriptive note for the specific data product.

## 5.i: Accessing the results of a query

Raw XAMIN catalogues for B (soft) band	
<b>Description:</b>	Raw XAMIN catalogues for both bands
<b>Short Id:</b>	xamin
<b>Applies to tables:</b>	north33 south33
<b>Logical type:</b>	general
<b>Depends on column:</b>	FieldName
<b>Present:</b>	unconditionally
<b>Resides:</b>	in local file(s)
<b>Appears:</b>	in current page
<b>Supplied by:</b>	SAP Saday
<b>Supplied on:</b>	xx Sep 2011
<b>Data format:</b>	FITS binary table
<b>Content:</b>	<p>There will be two separate XAMIN catalogues for the soft and hard bands. Naming convention uses the Saday fieldname convention (column FieldName, <code>XXLrmmmm-pp</code> or <code>XXLsmmm-pp</code>)</p> <p>These files were used to feed the north33 and south33 tables, containing the reprocessing of all AOs with the Py3.3 pipeline. However they contain more columns (e.g. the double source fit) which are currently unused in the database.</p>

- The results of the last query are accessible from this form. Consult [the main help file for details](#)
- Among the various functions in particular one can view the results on the screen or save them to a file for later retrieval.
- One can also access the associated data products clicking on the appropriate link.
- This will present a contracted tree of the kind of data products available.
- Clicking on the plus/minus markers one can expand selectively a category and finally click on the data product file to be retrieved
- while clicking on the folder icon one accesses a descriptive **note** for the specific data product.

## 5.i: Accessing the results of a query

- The results of the last query are accessible from this form. Consult [the main help file for details](#)
- Among the various functions in particular one can view the results on the screen or save them to a file for later retrieval.
- One can also access the associated data products clicking on the appropriate link.
- This will present a contracted tree of the kind of data products available.
- Clicking on the plus/minus markers one can expand selectively a category and finally click on the data product file to be retrieved
- while clicking on the folder icon one accesses a descriptive note for the specific data product.

That's all ... enjoy !