

SIAP Extensions

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SIA Extensions: Use case

- Detailed description of a single Observation or of « common » features. It can be
 - « support » description (as an STC area)
 - Astrometric solution (as a WCS structure)
 - Data collection, curator, Observing Program
- « complex » links between observations
 - HST Association and members (example thanks to ECF and CADC)
 - CCD mosaic images: whole field linked to each CCD image
 - XMM Observation, with Energy bands and Exposures (P.Osuna et al)



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          <TD>2.77e-05 2.77e-05</TD>
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          <TD>HST WFPC2 Associations</TD>
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        <TD>STECF/CADC/STSci</TD>
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Server selector

Choose an image server or a data server and fill in the associated form drawn below

Image servers:

Aladin

SDSS

Data servers :

VizieR Catalogs

Surveys in VizieR

Missions in VizieR

User own data (image/data/script/dir)

Specify a filename or an URL and press the SUBMIT button

C:\Documents and Settings\cds\Bureau\bonnarel33.xml

Others:

All VO

MyData

* S

Tree structure:

- C1 TRUMPLER 16
 - PREVIEW
 - MOSAIC
 - LOWERLEVEL
 - C1 TRUMPLER 16 member-1
 - LOWERLEVEL
 - C1 TRUMPLER 16 m
 - C1 TRUMPLER 16 m
 - C1 TRUMPLER 16 member-2
 - PREVIEW

Info Frame

CI TRUMPLER 16 member CCD-1

<i>ObservationName</i>	CI TRUMPLER 16 member CCD
<i>CentralPoint_RA</i>	10:43:39.84
<i>CentralPoint_DEC</i>	-59:43:37.2
<i>Naxes</i>	2
<i>AngularPixel Size</i>	0.1 " 0.1 "
<i>Original Coding</i>	imagefits
<i>FilterName</i>	F814W
<i>Location</i>	http://archive.eso.org
<i>ObservationReference</i>	U4K2C X06R-B
<i>ObservingProgramName</i>	HST WFPC2 Association

Info Frame

HST WFPC2 Associations

<i>ObservingProgramName</i>	HST WFPC2 Associations
<i>Organisation</i>	STECF/CADC/STScI
<i>Spectral CoverageName</i>	Optical

SIAP Extension: technical proposal

- Add one or several Extension Resources after the main SIA one
- Describe additional information in tables, or «other» XML elements contained in these Extension RESOURCES
- Use VOTABLE refs from the Main table FIELDS to these Extension Tables or elements
- Cross-corelate the appropriate records and elements using the field values