The SAS procs

Giuseppe Vacanti
XMM–Newton SOC

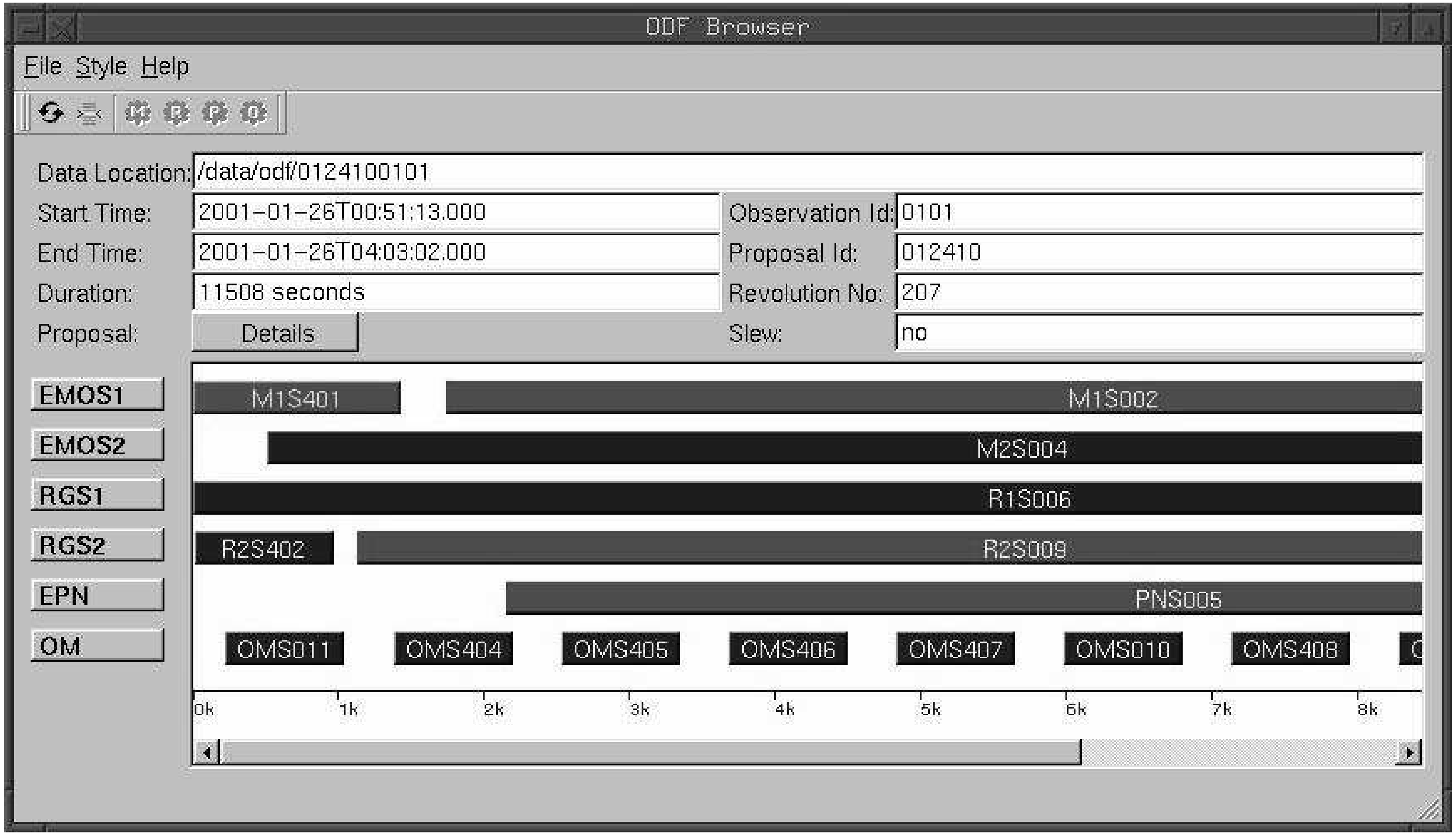
- Reprocessing your X–ray data with **emproc**, **epproc**, and **rgsproc**.
- The SAS **odfbrowser**.

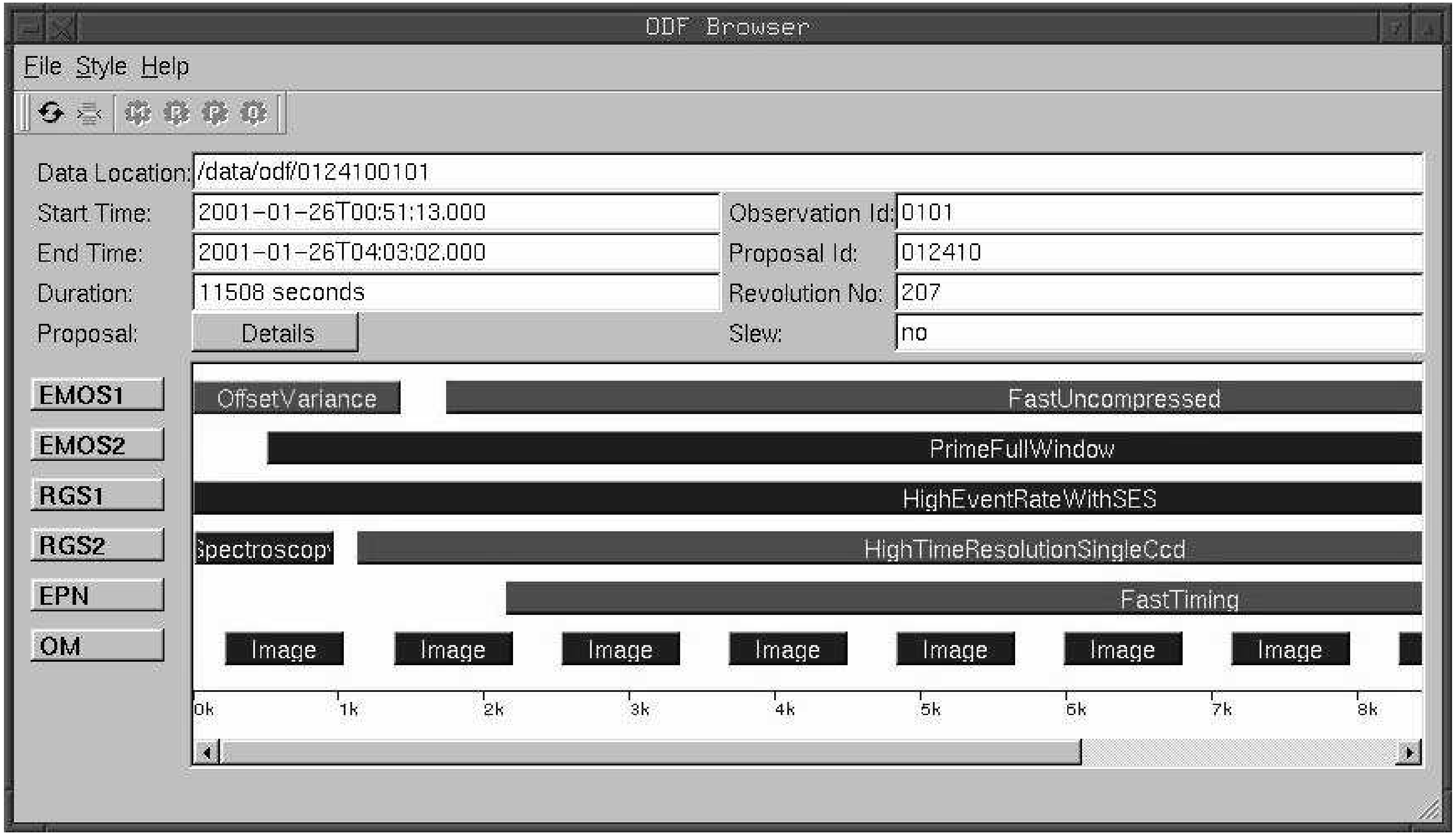
The SAS procs

- The three SAS tasks **emproc**, **epproc**, and **rgsproc** are collectively known as *the procs*.
- There isn't yet an omproc.
- Scope:
  - generate calibrated, possibly filtered, event lists
  - rgsproc also extracts spectra
  - see other presentations for details

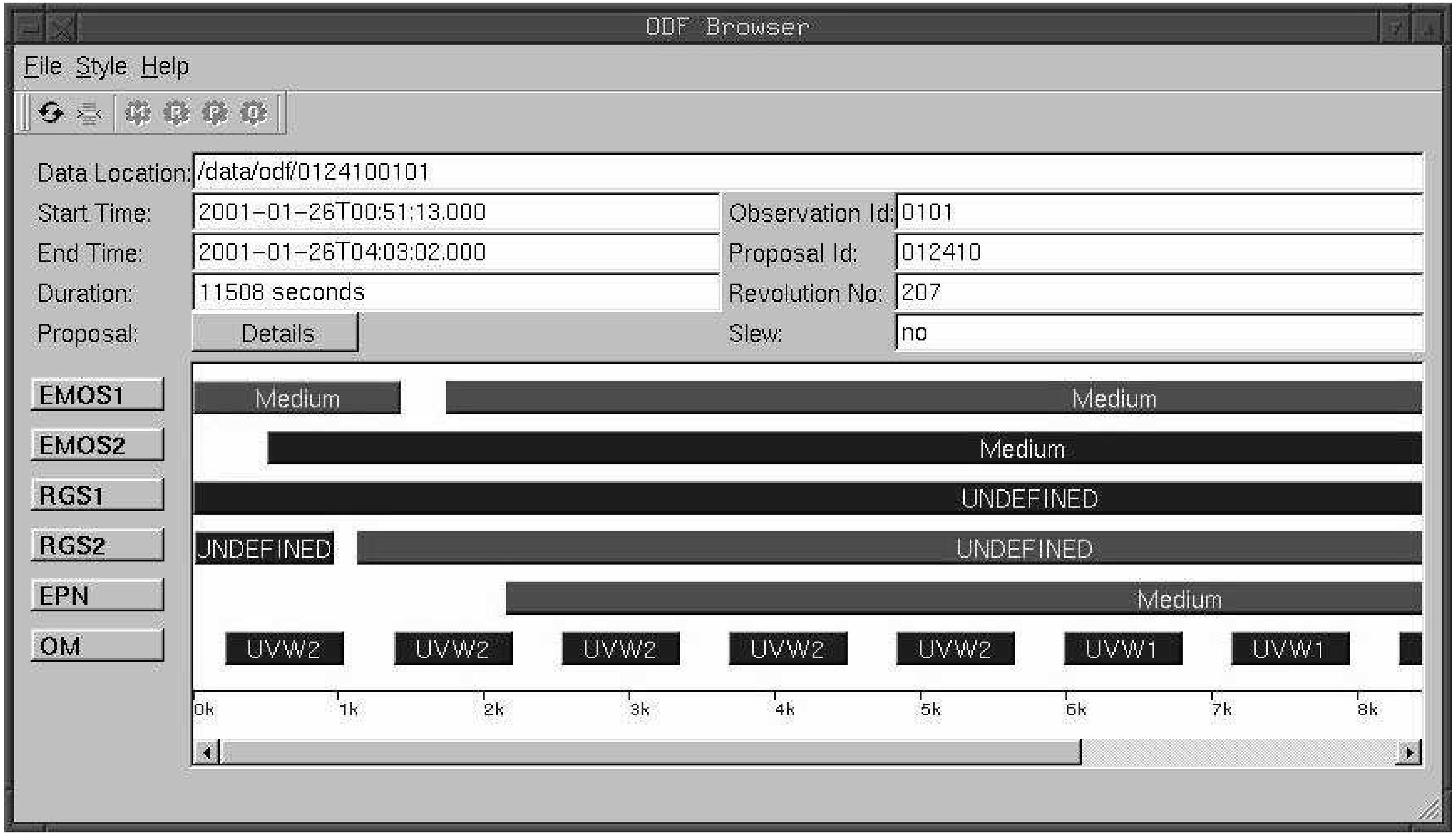
The odfbrowser

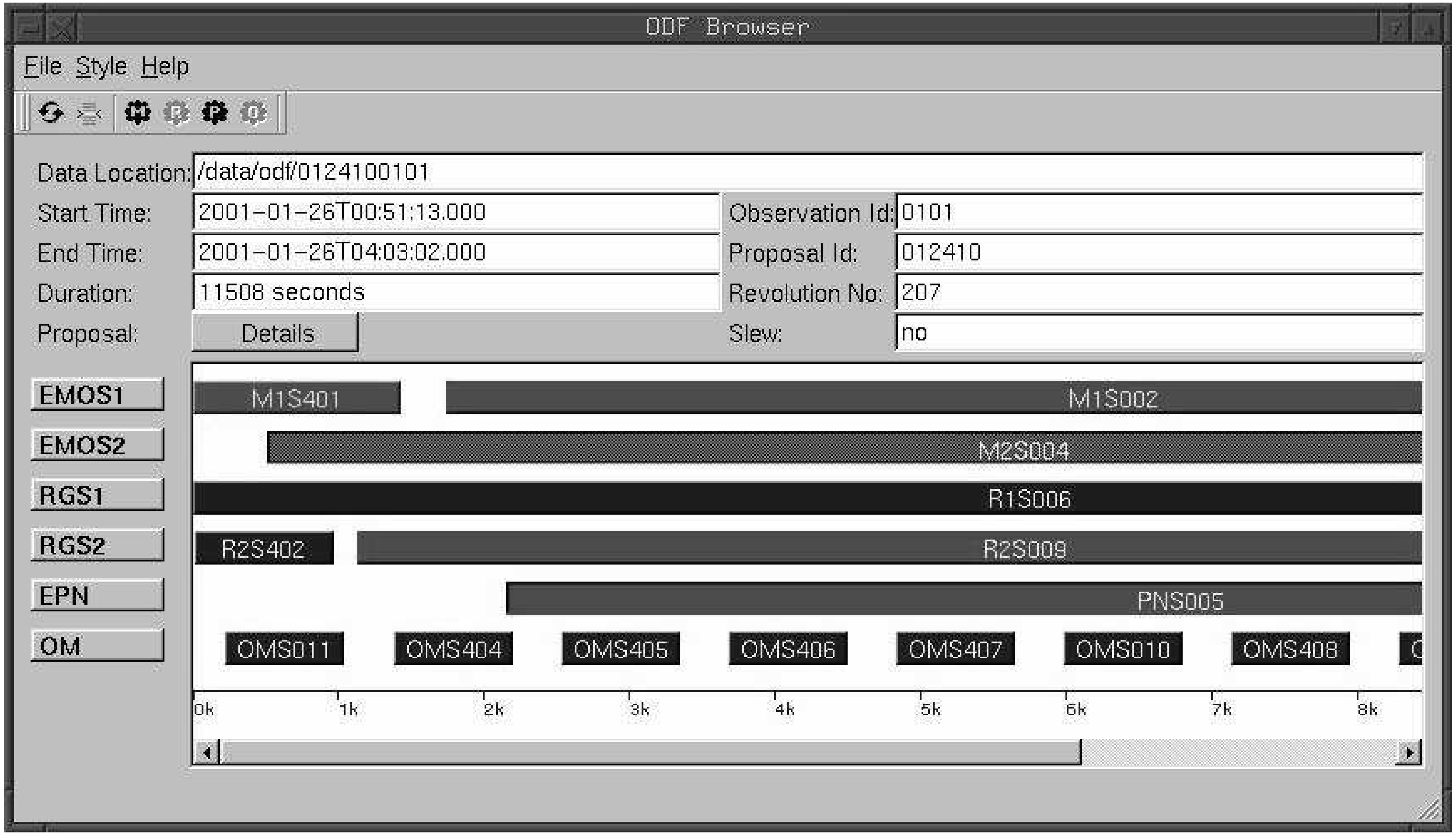
- The next public version of the SAS will offer and odfbrowser.
- The odfbrowser displays a graphical summary of the observation, allows the user to select any number of exposures, and launch *the procs* on them.


ODF Browser
File Style Help
Data Location: /data/odf/0124100101
Start Time: 2001-01-26T00:51:13.000
End Time: 2001-01-26T04:03:02.000
Duration: 11508 seconds
Proposal: Details
Observation Id: 0101
Proposal Id: 012410
Revolution No: 207
Slew: no
EMOS1
EMOS2
RGS1
RGS2
EPN
OM
M1S401
M1S002
M2S004
R1S006
R2S402
R2S009
PNS005
OMS011
OMS404
OMS405
OMS406
OMS407
OMS010
OMS408
0k
1k
2k
3k
4k
5k
6k
7k
8k



ODF Browser
File Style Help
Data Location: /data/odf/0124100101
Start Time: 2001-01-26T00:51:13.000
End Time: 2001-01-26T04:03:02.000
Duration: 11508 seconds
Proposal: Details
Observation Id: 0101
Proposal Id: 012410
Revolution No: 207
Slew: no
EMOS1
EMOS2
RGS1
RGS2
EPN
OM
OffsetVariance
FastUncompressed
PrimeFullWindow
HighEventRateWithSES
HighTimeResolutionSingleCcd
FastTiming
Image
0k
1k
2k
3k
4k
5k
6k
7k
8k


ODF Browser
File Style Help
Data Location: /data/odf/0124100101
Start Time: 2001-01-26T00:51:13.000
End Time: 2001-01-26T04:03:02.000
Duration: 11508 seconds
Proposal: Details
Observation Id: 0101
Proposal Id: 012410
Revolution No: 207
Slew: no
EMOS1
EMOS2
RGS1
RGS2
EPN
OM
Medium
Medium
Medium
UNDEFINED
UNDEFINED
UNDEFINED
Medium
UVW2
UVW2
UVW2
UVW2
UVW2
UVW1
UVW1
0k
1k
2k
3k
4k
5k
6k
7k
8k


ODF Browser
File Style Help
Data Location: /data/odf/0124100101
Start Time: 2001-01-26T00:51:13.000
End Time: 2001-01-26T04:03:02.000
Duration: 11508 seconds
Proposal: Details
Observation Id: 0101
Proposal Id: 012410
Revolution No: 207
Slew: no
EMOS1
EMOS2
RGS1
RGS2
EPN
OM
M1S401
M1S002
M2S004
R1S006
R2S402
R2S009
PNS005
OMS011
OMS404
OMS405
OMS406
OMS407
OMS010
OMS408
0k
1k
2k
3k
4k
5k
6k
7k
8k