

MAUS - Bug #1893

download_geometry.py fails in MAUS trunk

11 November 2016 09:45 - Rogers, Chris

Status:	Rejected	Start date:	11 November 2016
Priority:	Normal	Due date:	
Assignee:	Bayes, Ryan	% Done:	0%
Category:	Geometry	Estimated time:	0.00 hour
Target version:			
Workflow:	New Issue		

Description

Not sure if this is CDB or geometry code. I do

```
python ${MAUS_ROOT_DIR}/bin/utilities/download_geometry.py --geometry_download_by run_number --geometry_download_directory ./ --geometry_download_run 08470 --cdb_download_url "http://cdb.mice.rl.ac.uk/cdb/"
```

and get

Traceback (most recent call last):

```
File "/home/cr67/MAUS/maus_merge/bin/utilities/download_geometry.py", line 106, in <module>
    main()
File "/home/cr67/MAUS/maus_merge/bin/utilities/download_geometry.py", line 54, in main
    (configuration.geometry_download_run_number, gdml_cache)
File "/home/cr67/MAUS/maus_merge/src/common_py/geometry/GDMLtoCDB.py", line 302, in download_geometry_by_run
    self.download_coolingchannel_for_run(run_num, download_path)
File "/home/cr67/MAUS/maus_merge/src/common_py/geometry/GDMLtoCDB.py", line 405, in download_coolingchannel_for_run
    coolingchannel_cdb.get_coolingchannel_for_run(run_id)
File "/home/cr67/MAUS/maus_merge/third_party/install/lib/python2.7/site-packages/cdb/_coolingchannel.py", line 136, in get_coolingchannel_for_run
    return self._get_magnets(xml)
File "/home/cr67/MAUS/maus_merge/third_party/install/lib/python2.7/site-packages/cdb/_coolingchannel.py", line 216, in _get_magnets
    result = self._parse_cooling_channel_xml(str(xml))[0]['magnets']
File "/home/cr67/MAUS/maus_merge/third_party/install/lib/python2.7/site-packages/cdb/_coolingchannel.py", line 225, in _parse_cooling_channel_xml
    parseString(xml, self._coolingchannel_handler)
File "/home/cr67/MAUS/maus_merge/third_party/install/lib/python2.7/xml/sax/__init__.py", line 49, in parseString
    parser.parse(inpsrc)
File "/home/cr67/MAUS/maus_merge/third_party/install/lib/python2.7/xml/sax/expatreader.py", line 107, in parse
    xmlreader.IncrementalParser.parse(self, source)
File "/home/cr67/MAUS/maus_merge/third_party/install/lib/python2.7/xml/sax/xmlreader.py", line 123, in parse
    self.feed(buffer)
File "/home/cr67/MAUS/maus_merge/third_party/install/lib/python2.7/xml/sax/expatreader.py", line 207, in feed
    self._parser.Parse(data, isFinal)
File "/home/cr67/MAUS/maus_merge/third_party/install/lib/python2.7/xml/sax/expatreader.py", line 301, in start_element
    self._cont_handler.startElement(name, AttributesImpl(attrs))
File "/home/cr67/MAUS/maus_merge/third_party/install/lib/python2.7/site-packages/cdb/_coolingchannel.py", line 269, in startElement
    self._add_cc(attrs)
File "/home/cr67/MAUS/maus_merge/third_party/install/lib/python2.7/site-packages/cdb/_coolingchannel.py", line 316, in _add_cc
    _get_date_from_string(attrs.get('validuntiltime', ''))
File "/home/cr67/MAUS/maus_merge/third_party/install/lib/python2.7/site-packages/cdb/_base.py", line 245, in _get_date_from_string
```

```
exception)
cdb._exceptions.CdbPermanentError: ERROR - timestamp should be in the format yyyy-mm-dd hh:mm:ss[.
ffffffff] found
```

This works in MAUS v2.5.0. Was there a UI change or a cdb version change?

History

#1 - 11 November 2016 10:01 - Bayes, Ryan

There have been no changes to the code that should produce an error like the one you show here. There was a recent change to the CDB version between v2.5.0 and v2.6.0 (I think) to handle the corrections (i.e. alignment) so that might be the problem. There was also a trivial change to the trunk recently but that was only in the "ParentFileCreation.xml" and not in anything that would cause error here.

I just tested the line that you quoted using v2.6.1 (with the updated CDB) and I saw no errors. What version of MAUS were you using and did you rebuild the third party libraries?

#2 - 11 November 2016 11:28 - Rogers, Chris

- *Status changed from Open to Rejected*

Apologies, my cdb version was out of date. It looks okay now.