Question
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Error reading messages.log file using Embedded Python in iris-log-viewer

I copied a 5 MB messages.log file to AWS where I have iris-log-viewer app deployed. I ran the test to see how it takes in IRIS code to import the lines into a persistent table:

```
IRISAPP>set m5mb="/home/irisowner/irisdev/messages.old20221231.log"

IRISAPP>

IRISAPP>do ##class(otw.log.irislogreader).Test1(m5mb)
Test1 begins at 02/05/2023 12:49:30
ReadLogLines
/home/irisowner/irisdev/messages.old20221231.log
Open
Test1 ends at 02/05/2023 12:49:34
Test1 execution time: 3.500789

select count(*) from otwlog.Log

63239
```

It took 3.5 seconds and I had 63239 lines in the table. Then I tried to test using Embedded Python:

```
IRISAPP>do ##class(otw.log.irislogreader).Test2(m5mb)
Test2 begins at 02/05/2023 12:54:52
1675601693.693327

 Set tSC = ##class(otw.log.EmbeddedPython).ReadFileUsingPython(pFile)
 ^
<THROW>zTest2+23^otw.log.irislogreader.1 *%Exception.PythonException <UNDEFINED> 230
zTest2+23^otw.log.irislogreader.1^1^ Set tSC = ##class(otw.log.EmbeddedPython).ReadFileUsingPython(pFile)
<class 'UnicodeDecodeError'>: 'ascii' codec can't decode byte 0xc2 in position 6418: ordinal not in range(128) -
IRISAPP 2d1>
```

Embedded Python code had added 8644 lines into the table. The last line imported was:

```
[Utility.Event] Activating new namespace map
```

Here are the lines around where the import stopped:

```
Journaling switched to: /irissys/journal1/20221204.002
12/04/22-02:00:57:191 (1188) 0 [Utility.Event] Activating Network
12/04/22-02:00:57:276 (1198) 0 [Utility.Event] Journal File Compression: Compressed
/irissys/journal1/20221122.008
12/04/22-02:00:57:345 (1188) 0 [Utility.Event] Activating new namespace map
```

12/04/22-02:00:57:374 (1188) 0 [Utility.Event] Namespace changes have been activated
12/04/22-02:00:57:924 (1136) 0 [Generic.Event] Starting pidtab expansion (5 chunks)
12/04/22-02:00:57:925 (1136) 0 [Generic.Event] Ending pidtab expansion (5 chunks)
12/04/22-02:00:58:347 (1198) 0 [Utility.Event] Journal File Compression: Compressed
/irissys/journal1/20221204.001

#Embedded Python #InterSystems IRIS
Product version: IRIS 2022.3
$ZV: IRIS for UNIX (Ubuntu Server LTS for x86-64 Containers) 2022.3 (Build 599U) Wed Jan 18 2023 23:45:44 EST

Source URL:https://community.intersystems.com/post/error-reading-messageslog-file-using-embedded-python-iris-log-viewer