unexpected return type:...

Shanmuga Priya 2 posts since Dec 19, 2012

unexpected return type: java.lang.AbstractStringBuilder for method: append of class: java.lang.StringBuffer Apr 10, 2015 1:52 AM

Hi All,

While trying to migrate our AEF scripts from 8.5 to 10.5 UCCX version, we are getting

109824: Mar 31 13:09:17.322 GST %MIVR-SCRIPT_MGR-3-EXCEPTION:java.io.IOException: unexpected return type: java.lang.AbstractStringBuilder for method: append of class: java.lang.StringBuffer

Is there any specific reason to get this error. Because while we try to use StringBuffer or StringBuilder in a sample script, it works well in 10.5. Wherein the existing script alone not working. Kindly advice on this.

Regards,
Priya.K.R.
Tags: to, script, exception, migrating, 8.5, 10.5, while

Hemant Joshi *56 posts since Jul 3, 2012*

Re: unexpected return type: java.lang.AbstractStringBuilder for method: append of class: java.lang.StringBuffer Jun 9, 2015 4:59 AM

I think in the same logs you must also be getting script load failures for the same script file as shown below:

Failed to load script file; com.cisco.script.ScriptIOException:

Failed to load script: c:\xxxx\xxx\xxxxx.aef; nested exception is:

java.io.IOException: unexpected return type: java.lang.AbstractStringBuilder for method: append of class: java.lang.StringBuilder

Can you share more details about the script and if possible please share the script ?

Meanwhile, can u try commenting out the SET step with value StringBuilder and once again try to load the script from script editor?

Chase Mergenthal *9 posts since Sep 1, 2011*

Re: unexpected return type: java.lang.AbstractStringBuilder for method: append of class: java.lang.StringBuffer Jun 7, 2016 8:59 AM

🔼 in response to Hemant Joshi

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unexpected return type:...

I ran into the same issue, I had to install the old script editor to open the scripts, then extract the text of the custom java, and place it into a script in the 10.6 script editor...

Jayasanjeev K M *2 posts since Jul 31, 2015*

Re: unexpected return type: java.lang.AbstractStringBuilder for method: append of class: java.lang.StringBuffer Dec 10, 2016 3:41 PM

⬆ in response to Chase Mergenthal
Hi Chase,

Please explain how did you find "text of the custom java"in 9, and place it into a script in the 10.6 script editor. It would be great if you can get the reply at the earliest.

Thanks and Regards,
Jay

Ayaz Khan *2 posts since Apr 6, 2011*

Re: unexpected return type: java.lang.AbstractStringBuilder for method: append of class: java.lang.StringBuffer Dec 13, 2016 10:20 AM

⬆ in response to Jayasanjeev K M
Hello All,

We have the same issue. However we have no java steps in our script. Can someone provide detail steps on what is needed.

Thanks,

AK

Chase Mergenthal *9 posts since Sep 1, 2011*

Re: unexpected return type: java.lang.AbstractStringBuilder for method: append of class: java.lang.StringBuffer Dec 15, 2016 6:38 AM

⬆ in response to Jayasanjeev K M
When we went from 8.5 to 10.6, the version of Java changed, and some of the methods/functions in Java were deprecated.
What I ended up doing is opening my impacted scripts in the 8.5 script editor, and saving a copy without my custom code, then copying my code in notepad. Then, I opened the copy of the script in the new script editor, and slowly re-implemented my sections of my custom code until I found the method that needed to be updated. In my situation, the issue was with code that I used to send e-mail from the script(In Java).

FYI:

unexpected return type:...

UCCX   Java
8 is   1.6.0_20
9 is   1.6.0_45
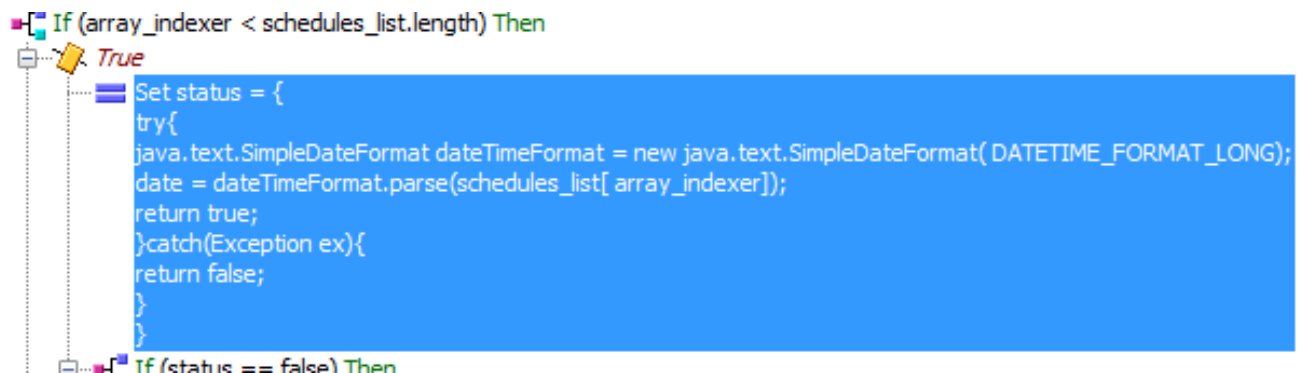10.6 is 1.7.0_51

Ayaz Khan *2 posts since Apr 6, 2011*

Re: unexpected return type: java.lang.AbstractStringBuilder for method: append of class: java.lang.StringBuffer Dec 15, 2016 5:13 PM

⬆ in response to Chase Mergenthal

Thank you so much for Responding Chase ! !

We have been under pressure to get this upgrade done, and we had to put a stop to it.

How are you able to identify what steps use Java? Would it be steps like the one below?

```
If (array_indexer < schedules_list.length) Then
  True
    Set status = {
    try{
    java.text.SimpleDateFormat dateTimeFormat = new java.text.SimpleDateFormat( DATETIME_FORMAT_LONG);
    date = dateTimeFormat.parse(schedules_list[ array_indexer]);
    return true;
    }catch(Exception ex){
    return false;
    }
    }
    If (status == false) Then
```

We have scripts that don't have java.text in it, would we have to re-do all the Set steps?

Thanks,

AK

Jyothish Joshi *39 posts since Sep 14, 2014*

Re: unexpected return type: java.lang.AbstractStringBuilder for method: append of class: java.lang.StringBuffer Dec 15, 2016 11:07 PM

⬆ in response to Ayaz Khan

What you have provided is an example of custom java code.

You may try to remove steps that use java code temporarily and see whether rest of the things work fine.

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Then slowly re-implement the java code one by one and keep testing as mentioned by Chase.

*For specific migration issues in your custom code, it is better to track them via case.

Jayasanjeev K M *2 posts since Jul 31, 2015*

Re: unexpected return type: java.lang.AbstractStringBuilder for method: append of class: java.lang.StringBuffer Dec 16, 2016 3:18 AM

in response to Chase Mergenthal
Thank you Chase appreaciate it!