

★ How to Setup IX Library Quickly and Effectively (Doc ID 728077.1)

[To Bottom](#)

In this Document

[Goal](#)[Solution](#)[References](#)

APPLIES TO:

Oracle Application Object Library - Version 11.5.0 to 12.2 [Release 11.5 to 12.2]
Oracle E-Business Suite Technology Stack - Version 12.2.5 to 12.2.5 [Release 12.2]
Information in this document applies to any platform.
IX Library, IX_PRINTING, IX_RENDERING, ixlib.cfg, Bitmap, Postscript, PASTA
Checked for relevance on 11-JAN-2014

GOAL

How to quickly and effectively setup an E-Business Suite (EBS) for generating and/or printing concurrent programs registered with the Postscript output format and the IX Library option.

Note 1: As per [Note 189708.1](#) Oracle Reports 6i Setup Guide for Oracle Applications 11i, IX Library (IX_PRINTING) is required in a UTF8 character set EBS environment, however. Unless there's a need to subset a particular custom true type font, enabling IX Library on non-UTF8 instances (e.g.US7ASCII, WE8ISO8859P1, WE8MSWIN1252, etc) does not server any purpose or adds any additional benefits for generating reports in the Postscript format.

Presently, many applications and printers do not fully support the Unicode (UTF8) character set; therefore, it is essential to use IX Library to utilize a Unicode compliant true type font that supports the Unicode (UTF8) character set.

These concepts and setup steps are also applicable to EBS Release 12.x

SOLUTION

01. Manually set the following environment variables for generating Postscript (bitmap mode) reports in a Unicode (UTF-8) and/or multi-lingual environment--reference [Note 189708.1](#) and [Note 240864.1](#) for more detailed information.

```
IX_PRINTING=<value of $FND_TOP>/resource/ixlib.cfg";export IX_PRINTING
IX_RENDERING=<value of $FND_TOP>/resource/ixlib.cfg";export IX_RENDERING
```

IX_RENDERING is only applicable to Release 11i, to support font rendering of Oracle Graphics files. In Release 12, although if properly set it is ignored and not used; however, DO NOT set IX_RENDERING--it's not needed.

The easiest way to setup IX_PRINTING env variable is through modifying the custom file so that changes aren't lost when Autoconfig is run

- grep customfile= \$APPL_TOP/APPS\$CONTEXT_NAME.env**
- echo \$FND_TOP and make note of the value.**
- edit the custom file from step 1 and add the following lines:**

```
IX_PRINTING=<value of $FND_TOP>/resource/ixlib.cfg"
export IX_PRINTING
```
- Source the \$APPL_TOP/APPS\$CONTEXT_NAME.env file.**
- Verify the IX variables are set: env | grep IX**

Was this document helpful?

☐ Yes
☐ No

Document Details



Type: HOWTO
Status: PUBLISHED
Last Major Update: 10-Nov-2017
Last Update: 19-Dec-2017

Related Products

Oracle E-Business Suite
Technology Stack
Oracle Application Object
Library

Information Centers

[Information Center: Using EBS Technology Stack OID and SSO \[1461466.2\]](#)

[Information Center: Oracle E-Business Suite Extensions for Oracle Information Discovery Install & Configure \[1487000.2\]](#)

[Information Center: Oracle E-Business Suite Information Discovery \[1486924.2\]](#)

[Information Center: EBS Printing - Component Tools - Overview \[1511969.2\]](#)

[Information Center: Overview EBS Technology Stack OID and SSO and OAM \[1461465.2\]](#)

[Show More](#)

Document References

[How To Generate And Print Reports In PDF Format From EBS With The UTF8 Character Set \[443778.1\]](#)

[Pasta Overview \[420019.1\]](#)

[Oracle Reports 6i Setup Guide for Oracle Applications 11i \[189708.1\]](#)

[PASTA 3.0 Release Information \[239196.1\]](#)

[Activating and Configuring IX Library \[240864.1\]](#)

[Show More](#)

Recently Viewed

[Oracle Reports 6i Setup Guide for Oracle Applications 11i \[189708.1\]](#)

[Fonts Displayed As Junk Characters In PDF Report Output \[1218354.1\]](#)

[How To View The Java](#)

The Sysadmin concurrent report "Generate concurrent processing environment information" can be used to validate if the concurrent manager sees the new environment variable and/or value.

Note 2: In the very early days of IX Library, it was common to use a single configuration file (pasta.cfg) for both the Pasta and IX Library components, however. These two components are separate and unrelated components that have evolved; two individual configuration files is highly recommended. Both the IX_PRINTING and IX_RENDERING environment variables, if set, should point to the ixlib.cfg configuration file.

Note 3: For E-Business Suite (EBS) Release 12.2, copy the file \$FND_TOP/resource/ixlib.cfg to a custom non-edition path (NE_BASE), such as /fs_ne/EBSapps/appl/fnd/resource and set the IX_PRINTING environment variable to this custom non-edition path.

Console And Enable Tracing For Sun JRE (Native Plug-in) [452853.1]

R12: How to Create Or Modify A Payment Format Using XML Builder [465389.1]

R12: Recommended Browsers for Oracle E-Business Suite [389422.1]

Show More

02. In R11i when IX_RENDERING is set, within the ixlib.cfg file under the [DEFAULT] "=== Font Name ===" section, make a display font path entry as follows.

i.e. displayfontpath=<Full \$FND_TOP Path>/resource/ALBANYWT.ttf

Note 4: Each language utilized will need a display font path specified, reference [Note 240864.1](#) for more details--the entries can be performed under the specific language section.

03. Change the "Language Specific Settings" section in the \$FND_TOP/resource/ixlib.cfg file to the following default "ALBANYWT" Unicode compliant font and/or any additional custom true type font that supports the language(s) being used within Postscript reports.

```
%% For Western European (Latin-1) languages
[AMERICAN,CATALAN,GERMAN,DANISH,SPANISH,LATIN AMERICAN SPANISH,FRENCH,CANADIAN
FRENCH,ENGLISH,ITALIAN,ICELANDIC,NORWEGIAN,DUTCH,PORTUGUESE,BRAZILIAN PORTUGUESE,SWEDISH,FINNISH]
```

```
Font.Default.Plain=<FND_TOP>/<APPLRSC>/ALBANYWT.ttf
Font.Default.Bold=<FND_TOP>/<APPLRSC>/ALBANYWT.ttf
```

```
Font.MyCustomFontName.Plain=<FND_TOP>/<APPLRSC>/MyCustomFontName.ttf      (i.e. custom format example only)
Font.MyCustomFontName.Bold=<FND_TOP>/<APPLRSC>/MyCustomFontName.ttf      (i.e. custom format example only)
```

```
%% Font.Default.Plain = printer:Courier
%% Font.Default.Bold = printer:Courier-Bold
...and so on...
```

Note 5: When producing Postscript reports with Chinese, Japanese, or Korean characters from an English language session (American_America.UTF8), substitute the Albany ALBANYWT.ttf and ALBANYWT.ttf fonts in the "Western European Language" section with a Unicode compliant font that supports the desired language (same font is used for bold).

ALBANWTS.ttf Simplified Chinese

ALBANWTT.ttf Traditional Chinese

ALBANWTJ.ttf Japanese

ALBANWTK.ttf Korean

04. As per [Note 189708.1](#), make a printer entry in the file \$ORACLE_HOME/guicommon6/tk60/admin/uiprint.txt as follows. On EBS Release 12, Oracle Reports resource files can be found under the directory path of \$ORACLE_HOME/guicommon/tk/admin

```
<Printer_Name>:PostScript:2:<Printer_Description>:default.ppd:
```

05. Setup Pasta as per [Note 356501.1](#) "How to Setup Pasta Quickly and Effectively"

REFERENCES

[NOTE:443778.1](#) - How To Generate And Print Reports In PDF Format From EBS With The UTF8 Character Set

[NOTE:420019.1](#) - Pasta Overview

[NOTE:189708.1](#) - Oracle Reports 6i Setup Guide for Oracle Applications 11i

[NOTE:239196.1](#) - PASTA 3.0 Release Information

[NOTE:240864.1](#) - Activating and Configuring IX Library

Didn't find what you are looking for?

[Ask in Community...](#)

Related

Products

- Oracle E-Business Suite > Applications Technology > Technology Components > Oracle E-Business Suite Technology Stack > Reports for Applications Technology > Reports for Applications Technology
- Oracle E-Business Suite > Applications Technology > Application Object Library > Oracle Application Object Library > Print styles, drivers, types, pdf, postscript, any not PASTA related > Print styles, drivers, types, pdf, postscript, any not PASTA related

[Back to Top](#)

