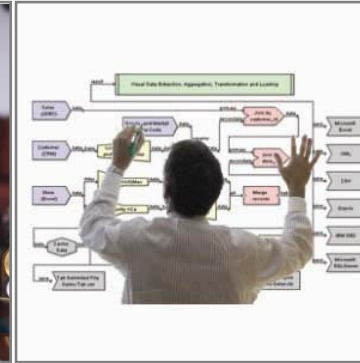




# ELIXIR REPERTOIRE

*Integrated Business Intelligence Suite*



## Migrating from Version 4 to 7.x

# Overview

- Converting Existing Templates and Data Sources
- Migrating Code
  - Changes to Existing Code
- Font and CJK Mapping
- Repeating Headers
- Client Updates
  - Functionalities Comparison
  - API Comparison

# Converting Existing Templates and Data Sources

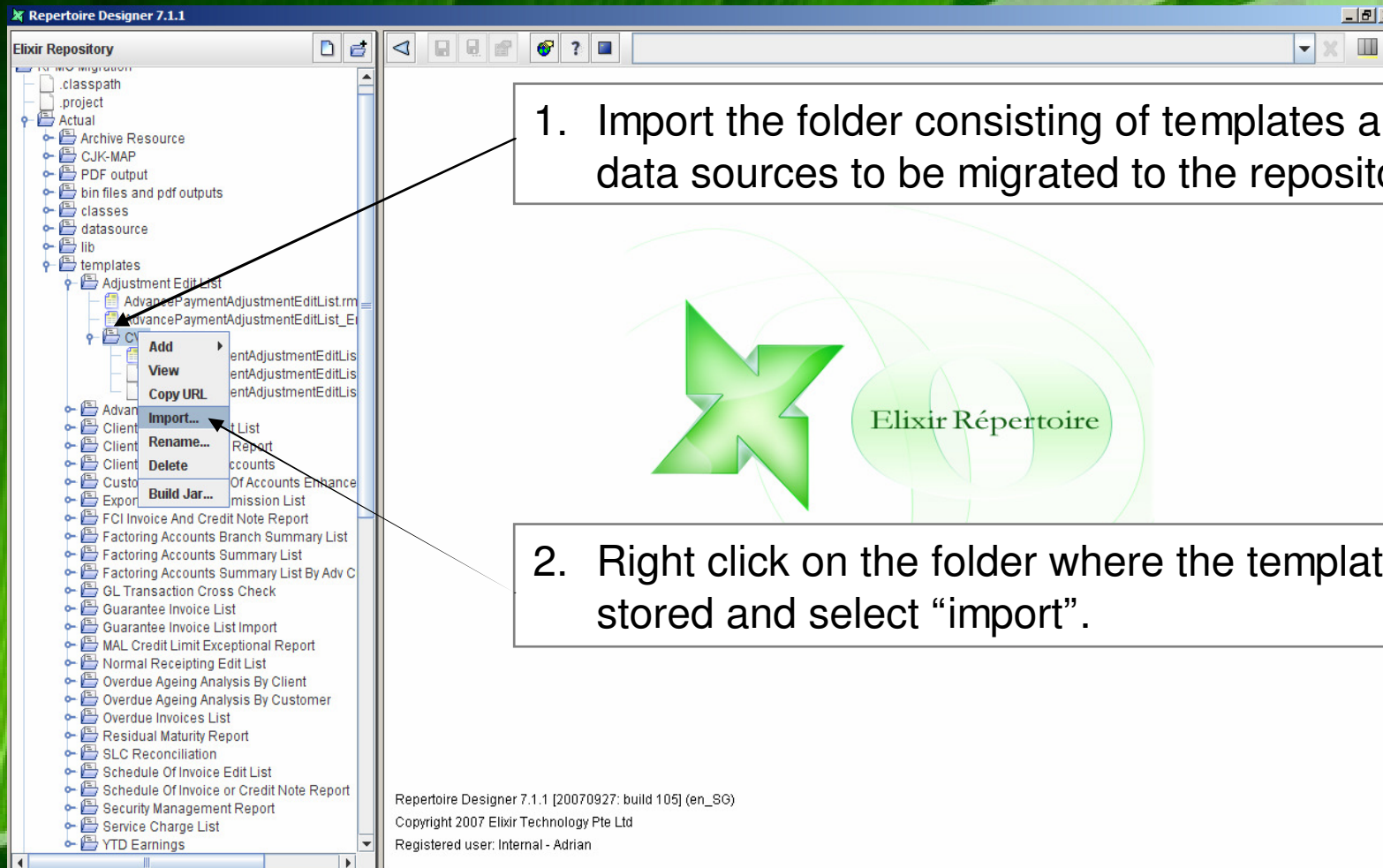


## Converting Existing Templates and Data Sources

- Change in file formats:

Files in Elixir Report 4.x	Files in Elixir Repertoire 7.x
Report templates have *.template extension	Report templates have *.rml extension
Data sources are saved in a single *.sav file	Data sources are saved as individual *.ds files

# Converting Existing Templates

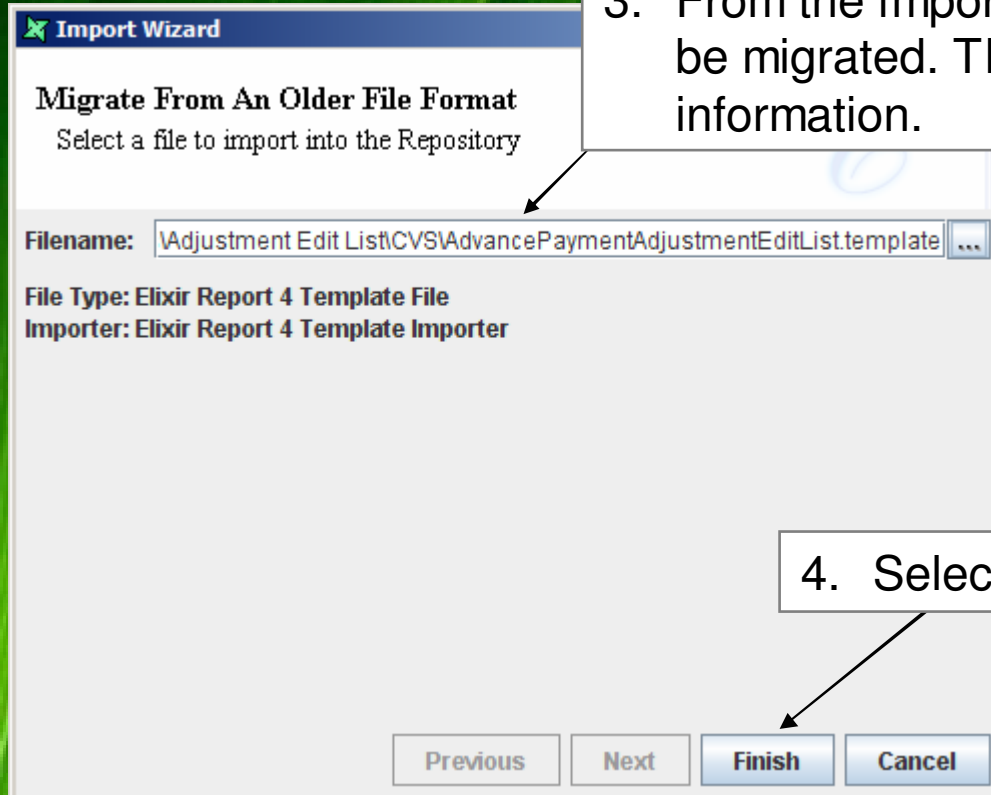


1. Import the folder consisting of templates and data sources to be migrated to the repository.

2. Right click on the folder where the templates are stored and select "import".

Repertoire Designer 7.1.1 [20070927: build 105] (en\_SG)  
Copyright 2007 Elixir Technology Pte Ltd  
Registered user: Internal - Adrian

# Converting Existing Templates



3. From the import wizard, locate the template to be migrated. The wizard will display the file type information.

4. Select "Finish" to continue when done.

# Converting Existing Templates (Batch)

```
Administrator: C:\Windows\system32\cmd.exe
D:\Elixir_Workshop\Repertoire 7.1.1\bin>migrate d:\templates
D:\Elixir_Workshop\Repertoire 7.1.1\bin>java -classpath "..\lib\log4j.jar;..\lib\jdom.jar;..\lib\aspectjrt.jar;..\lib\Repertoire.jar" com.elixirtech.report2.migration.ModelMigrator d:\templates
D:\Elixir_Workshop\Repertoire 7.1.1\bin>
```

1. Copy templates to a directory. At the command prompt, execute "\Repertoire 7.xbin\migrate.bat" and point to the directory containing the folders

```
Administrator: C:\Windows\system32\cmd.exe
Directory of D:\templates
[.]
[..]
OverdueAgeingAnalysisByClientByDocDate.rml
OverdueAgeingAnalysisByClientByDocDate.template
OverdueAgeingAnalysisByClientByDocDate_Empty.rml
OverdueAgeingAnalysisByClientByDocDate_Empty.template
OverdueAgeingAnalysisByClientByDueDate_Empty.rml
OverdueAgeingAnalysisByClientByDueDate_Empty.template
        6 File(s)         1,116,575 bytes
        2 Dir(s)        5,891,866,624 bytes free
D:\templates>
```

2. RML files will be created in the template directory

# Converting Existing Data Sources

**Import Wizard**

**Migrate From An Older File Format**  
Select a file to import into the Repository

Filename:  ...

File Type: Elixir Report 4 SAV File  
Importer: Elixir Report 4 SAV Importer

Previous Next **Finish** Cancel

1. From the repository, right click on the data source folder and select "Import". From the wizard, locate the data source file to be imported.

2. Select "Finish" when done. Data sources will be extracted from the \*.sav file and imported as \*.ds files



# Converting Existing Data Sources

3. Select the "Report" tab, right click on the data source icon.

**Configure DataSource**

**Edit DataSource Definition**  
Enter DataSource parameters

Name: DataSource 1  Table

Adjustment Edit List Data Source.ds  
Advance Payment Enquiry By AMOM.ds  
Advance Payment Enquiry By AMOO.ds  
Advance Payment Request Deletion.ds  
Advance Payment To Client GL Data Source.ds  
Advance Payment Vouchers 2.ds  
Advance Payment Vouchers.ds  
Advance Ratio Data Source.ds  
AdvancePaymentRequestEditList.ds  
Audit Log List.ds  
Book Rate Revision Domestic.ds  
Book Rate Revision Export.ds  
Book Rate Revision.ds  
Cash Application Edit List Data Source.ds  
Change Of Factor Code Data Source.ds  
Change of Client Account No.ds  
Change of Client Code.ds  
Change of Customer Code.ds  
Charge Back Advice Printing.ds  
Cheque Clearance Process.ds  
Cheque Deletion HouseKeeping List.ds  
Cheque Edit List.ds  
Client Account Fiu Reconciliation Data Source.ds  
Client Account List Data Source.ds  
Client Account Particular Deletion List Data.ds  
Client Account Particulars List.ds  
Client Adjustment Edit List Data Source.ds  
Client Advance Bank Reference Data Source.ds  
Client Ageing Analysis Chart Data Source.ds  
Client Analysis Data Source.ds  
Client Bank Reference Data Source.ds  
Client Deficit Report Data Source.ds

DataSource	Enabled
sg.com.kpmg.efactoring.report.data_provider...	<input type="checkbox"/>
201	<input checked="" type="checkbox"/>
204	<input checked="" type="checkbox"/>
14/12/2007	<input checked="" type="checkbox"/>
TonyStark	<input checked="" type="checkbox"/>
Tony Stark Enterprise	<input checked="" type="checkbox"/>
"adjustmentEditList.bin"	<input checked="" type="checkbox"/>
"C:/testBin"	<input checked="" type="checkbox"/>
STSong_STSong-Light_UniGB-UCS2-H	<input type="checkbox"/>
en_US	<input checked="" type="checkbox"/>
"adjustmentEditList.bin"	<input checked="" type="checkbox"/>
"C:/testBin"	<input checked="" type="checkbox"/>
testReportID	<input checked="" type="checkbox"/>

Previous Next Finish Cancel

4. Select the appropriate data source from the list.

# Migrating Code



# Migrating Code

- Changes to existing code
  - a) Deprecated: “isNull” function, replaced with “elxfn.isNull”
  - b) Finding the length of a string changed from “string.length()” to “string.length”
  - c) With the introduction of section header groupings, various getSum() methods need to be changed from *getSum().getValueOverAll()* to *getSum().getValueOverGroup()* as using *getSum().getValueOverAll()* returns the sum of all the values in the data source column
  - d) Mathematical functions

# Migrating Code

- Changes to existing code

- d) Mathematical functions involving the `getSum()` function requires the values to be parsed as floats e.g.

```
parseFloat(Data.getSum("DueAmt1").getValueOverGroup()+parseFloat(Data.getSum("DueAmt2").getValueOverGroup())
```

or as integers e.g.

```
parseInt(Data.getSum("DueAmt1").getValueOverGroup()+parseInt(Data.getSum("DueAmt2").getValueOverGroup())
```

- e) Checking null for date values changed from *if (isNull(Date))* to *if (null == Date)*

# Migrating Code

- Changes to existing code

- f) Deprecated: code constructed in Scheme no longer supported by ver 7.x.  
Existing Scheme code converted to Javascript equivalent. E.g.

```
(if(and (not(string=? [Market] "D")) (not(string=? [Code] [HomeCurrency])) ) (string-  
append (resource-text-locale "RB" "Amt" (parameter-lookup "LANG"))" :"))
```

Changed to:

```
if ((!Market.equals("D")) && (! Code.equals(HomeCurrency)))  
    res.getString("Amt")+ " :";  
else  
    "";
```

# Font and CJK Mapping



# Font Mapping

- For PDF font mapping, add the following lines to “config/EREEngine-config.xml”:

```
<pdf-font-map>
```

```
...
```

```
<map-encoding logical-font-name="Arial Unicode MS" encoding="Identity-H" />
```

```
<map-encoding logical-font-name="Arial Unicode MS Bold" encoding="Identity-H" />
```

```
<map-encoding logical-font-name="Arial Unicode MS Bold Italic" encoding="Identity-H" />
```

```
<map-encoding logical-font-name="Arial Unicode MS Italic" encoding="Identity-H" />
```

```
...
```

```
</pdf-font-map>
```

# CJK Mapping

1. Create a CJK Map text file to store character mapping, e.g. "STSong=STSong-Light"

2. Import the text file when rendering templates to PDF

Render Wizard

Portable Document Format  
Choose a CJK Font Mapping File

CJK Map File: repository/KPMG Migration/Actual/CJK-MAP/CJK-MAP.txt

Preview Mapping

Template Font	PDF Font
STSong	STSong-Light

Previous Next Finish Cancel



# Repeating Headers



# Repeating Headers

100% / 18

FM420-1  
XYZ Private Ltd  
SALES LEDGER CONTROL RECONCILIATION REPORT(ALL ACCOUNTS)  
AS AT 30/11/2004

OPERATOR ID : group1d1  
PRINTED ON : 25/01/2008  
TIME : 10:52:41  
PAGE : 3

BRANCH CODE : 201 Shenzhen Le Hu

CLIENT CODE : 00000000000002 E 20      SALES LEDGER BALANCE : 0.00      HKD  
NAME : 华强超市

CUSTOMER CODE	CURRENCY CODE	INVOICES	PUG INVOICES	CREDIT NOTES	RECEIPTS	TOTAL OS BAL	BALANCE FROM RESPECTIVE ACCOUNTS IF DIFFERENT
0000000000000201	(HKD)	0.00	0.00	0.00	0.00	0.00	0.00
华强超市 Customer							
FACTOR/CURR TO TALS :	AMOUNT IN LOCAL :	0.00	0.00	0.00	0.00	0.00	0.00
CLIENT TOTALS :	AMOUNT IN LOCAL :	0.00	0.00	0.00	0.00	0.00	0.00

1. By default, group headers in version 7.x do not repeatedly appear on subsequent pages of the same grouping.

# Repeating Headers

2. To enable repeating headers, access the group header properties box and check "repeat".