App Load
Signing Apps Before Use...

Introduction:
Before you can use Döcu Content, including Filebin.nsf, you must first sign them both using the Lotus Notes Domino Administrator Software....

Disclaimer:
Information contained in the following is presented as is. This tutorial assumes you have basic Lotus Notes Configuration knowledge.
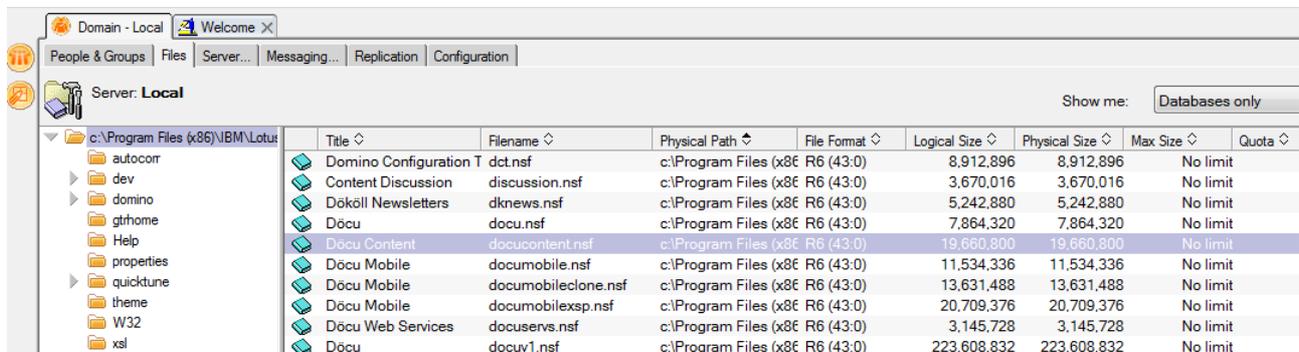
<u>Load Lotus Notes Domino Administrator</u>
First order of business is to load Lotus Notes Domino Administrator, you can do this right from your Domino Designer Environement by going to File + Launch Domino Administrator. Once there, you will need to go the Files Tab to view your list of databases. Provided you have already copied the Döcu Content App into your *root* folder, (1) select that dev folder, (2) right-click on the App (3) and choose Sign.
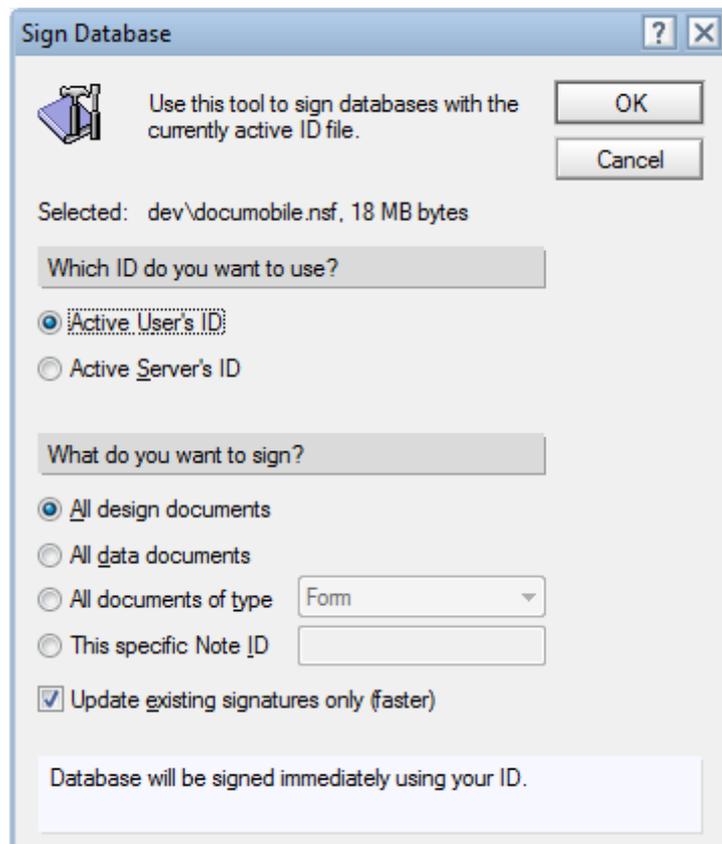
Cheat Sheet:
Please follow below screenshots for hints on how to do this. You will then repeat the same for the filebin.nsf application, which must be at the root directory of Lotus Notes.

Figure 1

Title	Filename	Physical Path	File Format	Logical Size	Physical Size	Max Size	Quota
Domino Configuration T	dct.nsf	c:\Program Files (x86	R6 (43:0)	8,912,896	8,912,896	No limit	
Content Discussion	discussion.nsf	c:\Program Files (x86	R6 (43:0)	3,670,016	3,670,016	No limit	
Dököll Newsletters	dknews.nsf	c:\Program Files (x86	R6 (43:0)	5,242,880	5,242,880	No limit	
Döcu	docu.nsf	c:\Program Files (x86	R6 (43:0)	7,864,320	7,864,320	No limit	
Döcu Content	docucontent.nsf	c:\Program Files (x86	R6 (43:0)	19,660,800	19,660,800	No limit	
Döcu Mobile	documobile.nsf	c:\Program Files (x86	R6 (43:0)	11,534,336	11,534,336	No limit	
Döcu Mobile	documobileclone.nsf	c:\Program Files (x86	R6 (43:0)	13,631,488	13,631,488	No limit	
Döcu Mobile	documobilexsp.nsf	c:\Program Files (x86	R6 (43:0)	20,709,376	20,709,376	No limit	
Döcu Web Services	docuservs.nsf	c:\Program Files (x86	R6 (43:0)	3,145,728	3,145,728	No limit	
Döcu	docuv1.nsf	c:\Program Files (x86	R6 (43:0)	223,608,832	223,608,832	No limit	

Figure 2

TIP:

Wait at least 5 to 7 seconds to make sure Lotus Notes Administrator complete signing the Apps. Otherwise the possible error that may load when you attempt viewing the Döcu Content App in your browser is shown in Figure 3.

Figure 3

Error 403

HTTP Web Server: You are forbidden to perform this operation

FileBin.nsf Housekeeping (Optional)

Döcu Content App uses the filebin.nsf file as login database, it must first be reached otherwise when you attempt to login, you may find that the login page does not result to entry to site. Simply put, go to your application's navigator and open the file to make available resources. Perform the following tasks to enable login:

1. Run SecurityAccessView view in Lotus Notes Client
2. Add your machine's userID to the list (Based on your Lotus Notes ID file)
3. Save the SecurityAccessView view
4. Run Döcu Content

Note: In running Döcu Content, the Login page should load your machine's userID to the login
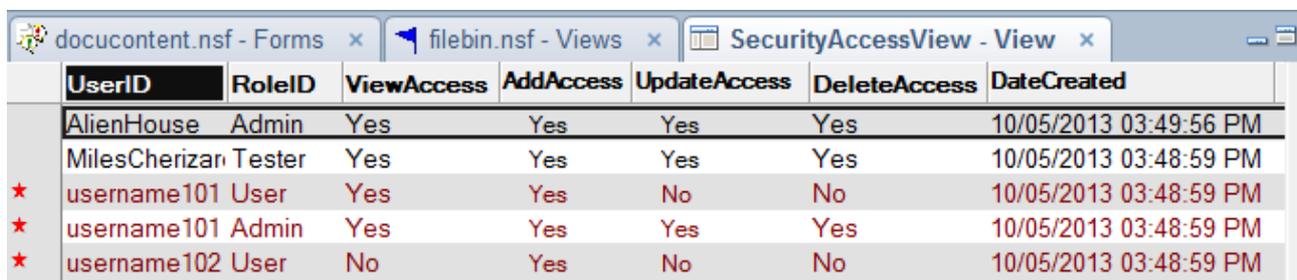
form, verify you have identical information in your view
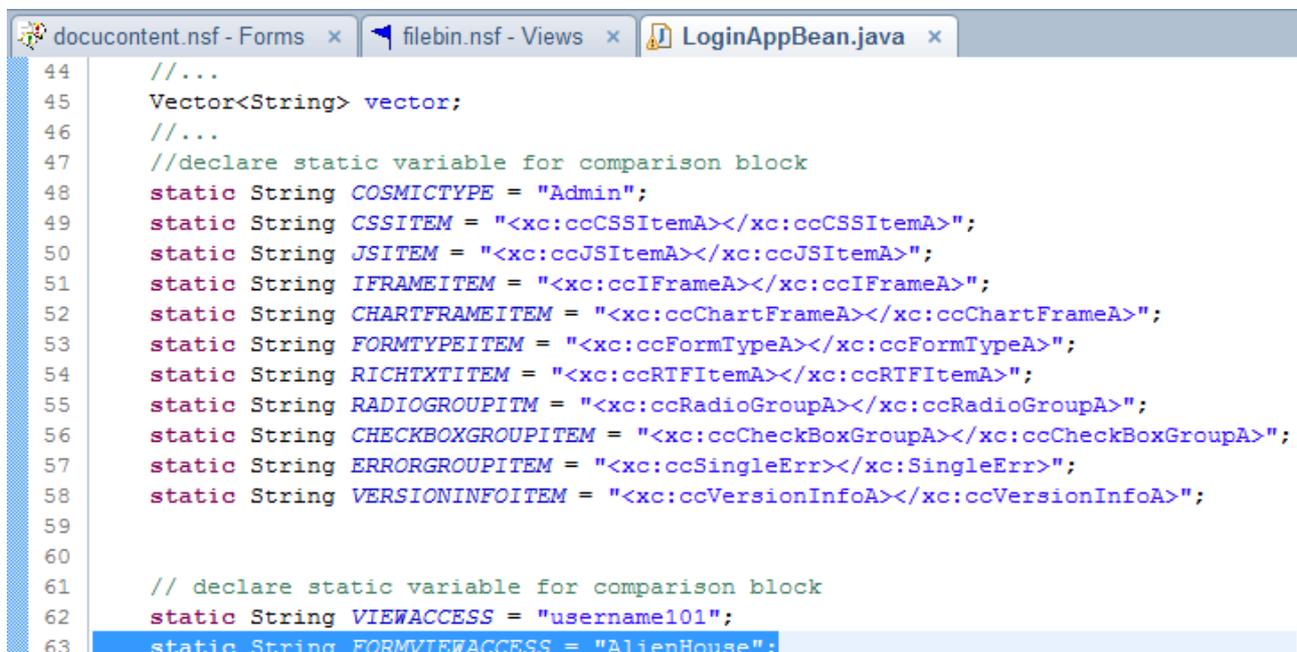
Döcu Content Housekeeping

You must login using userID 'AlienHouse' to access the App. However, if you need to use your computer's machine name or the userID name used when configuring your Lotus Notes software, before you can actually login to reach Döcu Content, you will also need to modify some Java class files and view columns, as shown below in both DöcuContent.nsf and FileBin.nsf.

Be sure to check each view the App is looking at to see where the userID needs to be added. You can modify code at your leizure to remove the need to perform such tasks thereafter. For now, you must use the userID '**AlienHouse**'. To do the above follow below steps:

1. Find **package** com.dokoll.solutions.inc.developement.Utils; then grab LoginAppBean.java class in your Package, see screenshots below
2. Modify code highlighted in below screenshot identically to your userID file information

	docucontent.nsf - Forms ✕	filebin.nsf - Views ✕	SecurityAccessView - View ✕					_ ▢
	UserID	**RoleID**	**ViewAccess**	**AddAccess**	**UpdateAccess**	**DeleteAccess**	**DateCreated**	
	AlienHouse	Admin	Yes	Yes	Yes	Yes	10/05/2013 03:49:56 PM	
	MilesCherizar	Tester	Yes	Yes	Yes	Yes	10/05/2013 03:48:59 PM	
★	username101	User	Yes	Yes	No	No	10/05/2013 03:48:59 PM	
★	username101	Admin	Yes	Yes	Yes	Yes	10/05/2013 03:48:59 PM	
★	username102	User	No	Yes	No	No	10/05/2013 03:48:59 PM	

```
 docucontent.nsf - Forms ✕     filebin.nsf - Views ✕     LoginAppBean.java ✕

44      //...
45      Vector<String> vector;
46      //...
47      //declare static variable for comparison block
48      static String COSMICTYPE = "Admin";
49      static String CSSITEM = "<xc:ccCSSItemA></xc:ccCSSItemA>";
50      static String JSITEM = "<xc:ccJSItemA></xc:ccJSItemA>";
51      static String IFRAMEITEM = "<xc:ccIFrameA></xc:ccIFrameA>";
52      static String CHARTFRAMEITEM = "<xc:ccChartFrameA></xc:ccChartFrameA>";
53      static String FORMTYPEITEM = "<xc:ccFormTypeA></xc:ccFormTypeA>";
54      static String RICHTXTITEM = "<xc:ccRTFItemA></xc:ccRTFItemA>";
55      static String RADIOGROUPITM = "<xc:ccRadioGroupA></xc:ccRadioGroupA>";
56      static String CHECKBOXGROUPITEM = "<xc:ccCheckBoxGroupA></xc:ccCheckBoxGroupA>";
57      static String ERRORGROUPITEM = "<xc:ccSingleErr></xc:SingleErr>";
58      static String VERSIONINFOITEM = "<xc:ccVersionInfoA></xc:ccVersionInfoA>";
59
60
61      // declare static variable for comparison block
62      static String VIEWACCESS = "username101";
63      static String FORMVIEWACCESS = "AlienHouse";
```

Döcu Content Reports Libraries

Before you can actually view Charts and Report, you will need to configure Build Path to add necessary libraries. You will also need to configure your CLASSPATH and add some information to your Lotus Notes directory, namely 'lib/ext' so your App can use the Libs to run the reports and
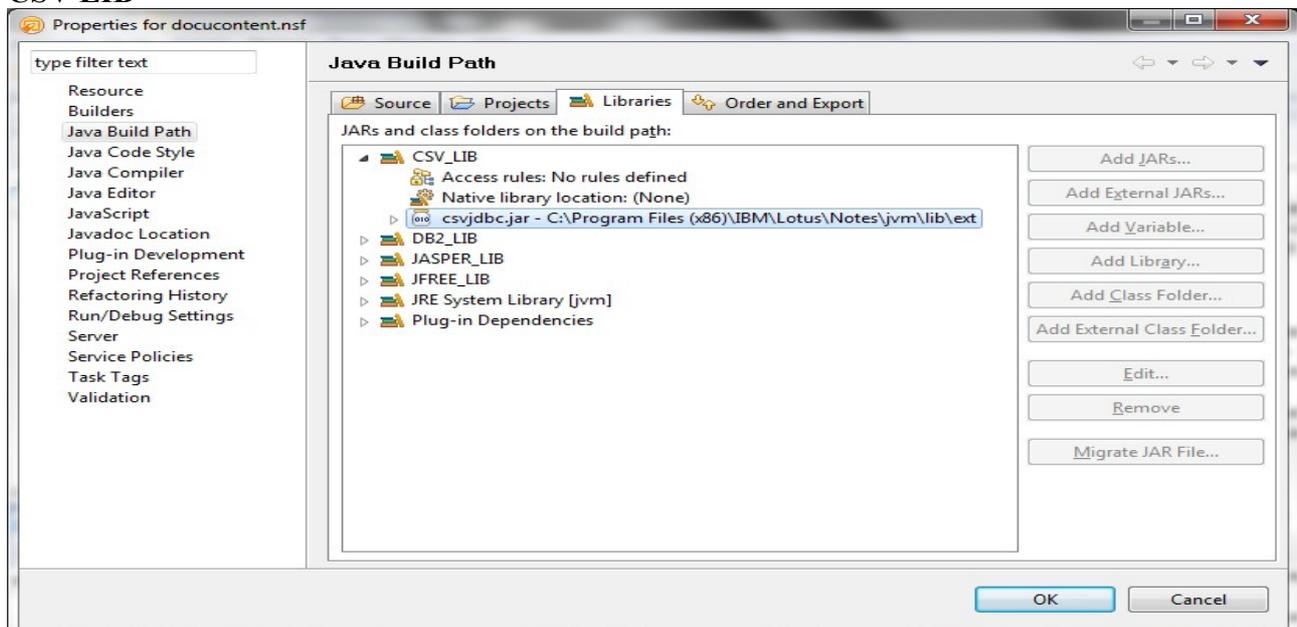
charts. For starters, the following errors may be available with your version of Döcu Content:

1. See documentation page in OpenNTF for the jar files you will need to add as libraries
2. Also grab zip file containing other report-related files which you will also needed added to your local drive
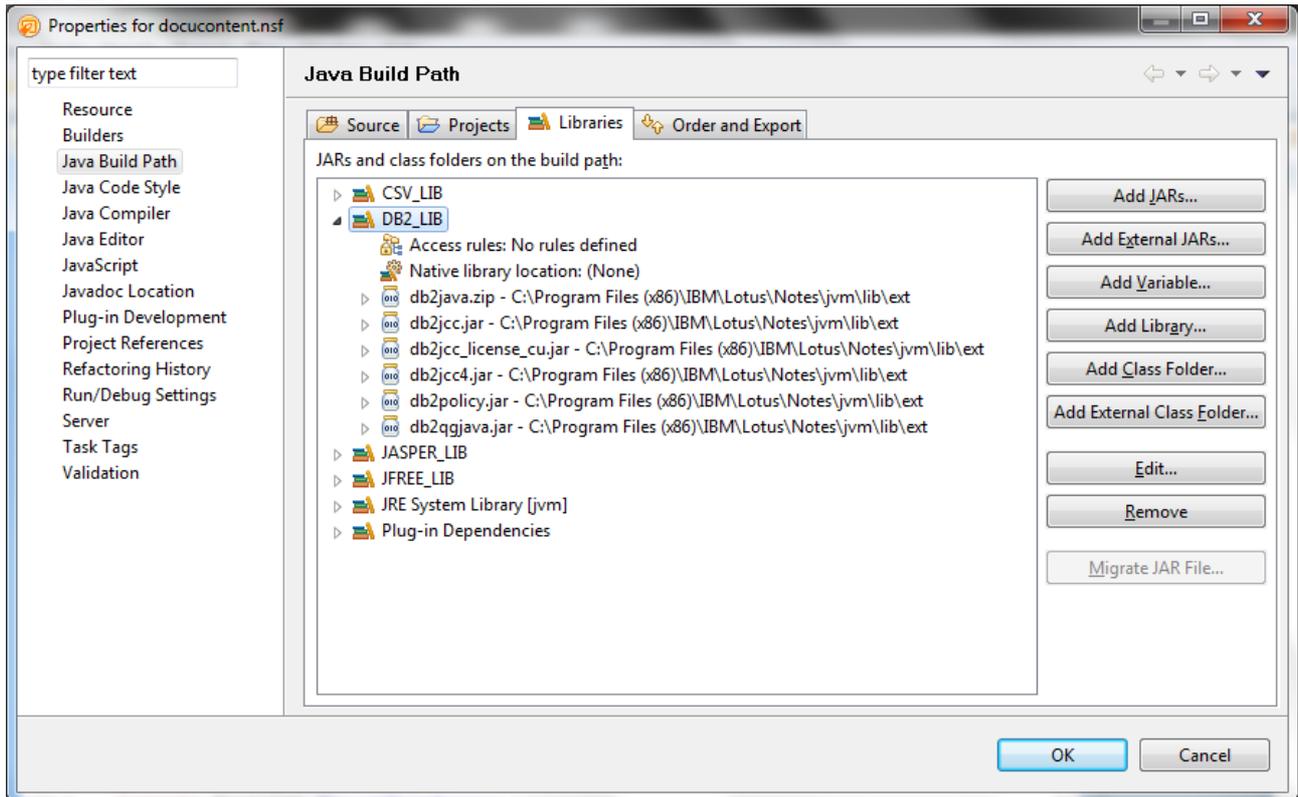
Description	Resource	Path	Location	Type
⊿ ⊗ Errors (100 of 150 items)				
⊗ ChartFactory cannot be resolved	CopyOfReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 91	Java Prob
⊗ ChartFactory cannot be resolved	CopyOfReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 146	Java Prob
⊗ ChartFactory cannot be resolved	NotesDocJavaBarChartBean.java	docucontent(1).nsf/...	line 282	Java Prob
⊗ ChartFactory cannot be resolved	NotesDocJavaPieChartBean.java	docucontent(1).nsf/...	line 280	Java Prob
⊗ ChartFactory cannot be resolved	ReadCSVIntoJFreeChartArrayBean.java	docucontent(1).nsf/...	line 98	Java Prob
⊗ ChartFactory cannot be resolved	ReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 110	Java Prob
⊗ ChartFactory cannot be resolved	ReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 197	Java Prob
⊗ ChartFactory cannot be resolved	ReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 260	Java Prob
⊗ ChartFactory cannot be resolved	ReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 320	Java Prob
⊗ ChartFactory cannot be resolved	ReadCSVIntoJFreeChartJavaBean.java	docucontent(1).nsf/...	line 51	Java Prob
⊗ ChartUtilities cannot be resolved	CopyOfReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 101	Java Prob
⊗ ChartUtilities cannot be resolved	CopyOfReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 110	Java Prob
⊗ ChartUtilities cannot be resolved	CopyOfReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 150	Java Prob
⊗ ChartUtilities cannot be resolved	CopyOfReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 164	Java Prob
⊗ ChartUtilities cannot be resolved	NotesDocJavaBarChartBean.java	docucontent(1).nsf/...	line 289	Java Prob
⊗ ChartUtilities cannot be resolved	NotesDocJavaPieChartBean.java	docucontent(1).nsf/...	line 287	Java Prob
⊗ ChartUtilities cannot be resolved	ReadCSVIntoJFreeChartArrayBean.java	docucontent(1).nsf/...	line 108	Java Prob
⊗ ChartUtilities cannot be resolved	ReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 120	Java Prob
⊗ ChartUtilities cannot be resolved	ReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 129	Java Prob
⊗ ChartUtilities cannot be resolved	ReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 207	Java Prob
⊗ ChartUtilities cannot be resolved	ReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 216	Java Prob
⊗ ChartUtilities cannot be resolved	ReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 264	Java Prob
⊗ ChartUtilities cannot be resolved	ReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 278	Java Prob
⊗ ChartUtilities cannot be resolved	ReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 324	Java Prob
⊗ ChartUtilities cannot be resolved	ReadCSVIntoJFreeChartBean.java	docucontent(1).nsf/...	line 338	Java Prob
⊗ ChartUtilities cannot be resolved	ReadCSVIntoJFreeChartJavaBean.java	docucontent(1).nsf/...	line 71	Java Prob

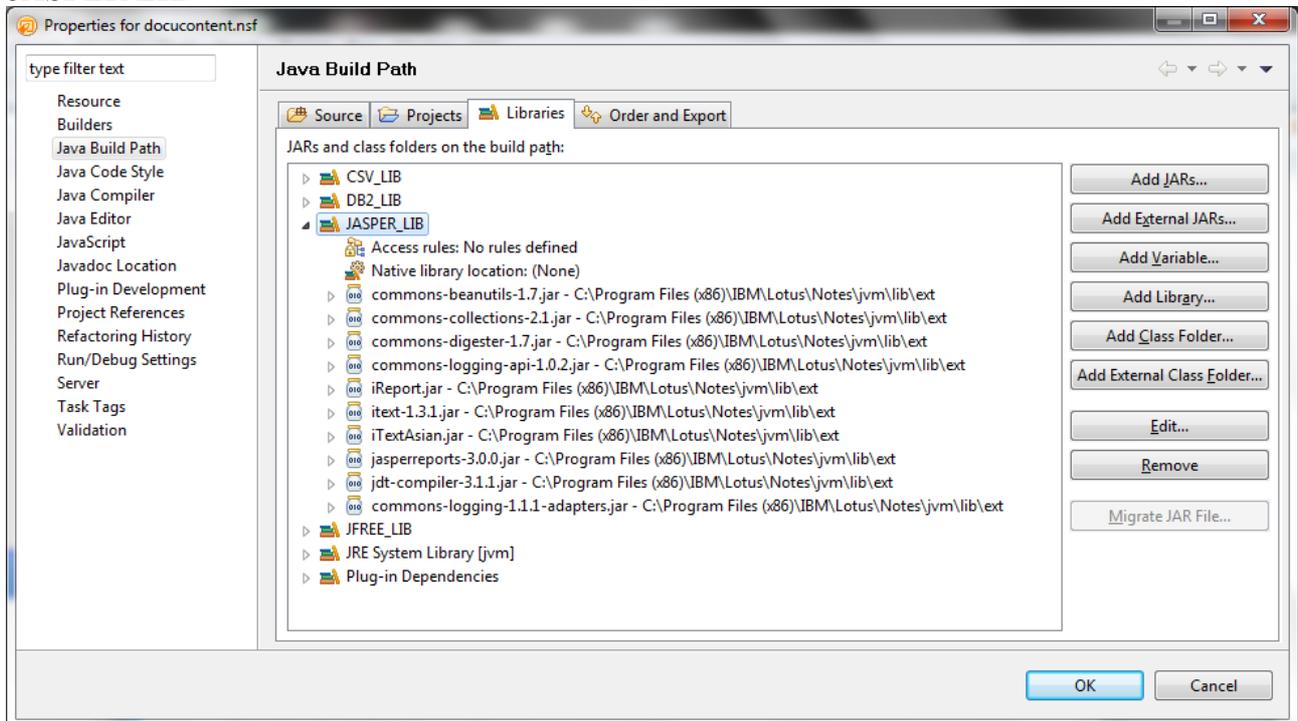# Begin by adding some jar files to your Lotus Notes Directory, see screenshots for locations
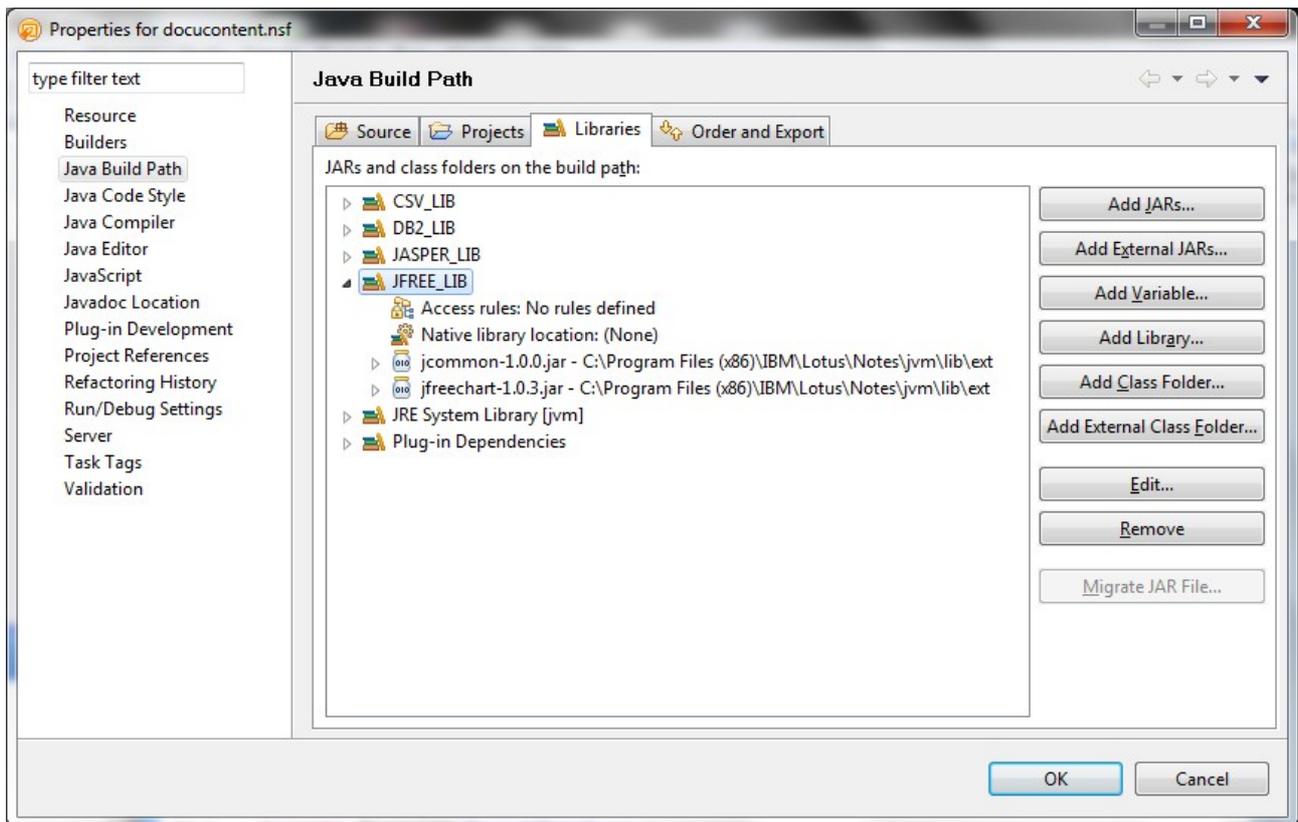
CSV LIB

DB2 LIB

Properties for docucontent.nsf

type filter text

- Resource
- Builders
- **Java Build Path**
- Java Code Style
- Java Compiler
- Java Editor
- JavaScript
- Javadoc Location
- Plug-in Development
- Project References
- Refactoring History
- Run/Debug Settings
- Server
- Task Tags
- Validation

Java Build Path

Source | Projects | Libraries | Order and Export

JARs and class folders on the build path:

- ▷ CSV_LIB
- ▲ DB2_LIB
  - Access rules: No rules defined
  - Native library location: (None)
  - ▷ db2java.zip - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ db2jcc.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ db2jcc_license_cu.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ db2jcc4.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ db2policy.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ db2qgjava.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
- ▷ JASPER_LIB
- ▷ JFREE_LIB
- ▷ JRE System Library [jvm]
- ▷ Plug-in Dependencies

Add JARs...
Add External JARs...
Add Variable...
Add Library...
Add Class Folder...
Add External Class Folder...
Edit...
Remove
Migrate JAR File...

OK | Cancel

JASPER LIB

Properties for docucontent.nsf

type filter text

- Resource
- Builders
- **Java Build Path**
- Java Code Style
- Java Compiler
- Java Editor
- JavaScript
- Javadoc Location
- Plug-in Development
- Project References
- Refactoring History
- Run/Debug Settings
- Server
- Task Tags
- Validation

Java Build Path

Source | Projects | Libraries | Order and Export

JARs and class folders on the build path:

- ▷ CSV_LIB
- ▷ DB2_LIB
- ▲ JASPER_LIB
  - Access rules: No rules defined
  - Native library location: (None)
  - ▷ commons-beanutils-1.7.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ commons-collections-2.1.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ commons-digester-1.7.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ commons-logging-api-1.0.2.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ iReport.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ itext-1.3.1.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ iTextAsian.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ jasperreports-3.0.0.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ jdt-compiler-3.1.1.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
  - ▷ commons-logging-1.1.1-adapters.jar - C:\Program Files (x86)\IBM\Lotus\Notes\jvm\lib\ext
- ▷ JFREE_LIB
- ▷ JRE System Library [jvm]
- ▷ Plug-in Dependencies

Add JARs...
Add External JARs...
Add Variable...
Add Library...
Add Class Folder...
Add External Class Folder...
Edit...
Remove
Migrate JAR File...

OK | Cancel

JFREE LIB

Continue by making connection to files CLASSPATH Directory, see screenshots for locations

Control Panel Home

- **System and Security**
  Network and Internet
  Hardware and Sound
  Programs
  User Accounts and Family
  Safety
  Appearance and
  Personalization
  Clock, Language, and Region
  Ease of Access

Action Center
Review your computer's status and resolve issues | 🛡 Change User Account Control settings |
Troubleshoot common computer problems | Restore your computer to an earlier time

Windows Firewall
Check firewall status | Allow a program through Windows Firewall

System
View amount of RAM and processor speed | Check the Windows Experience Index |
🛡 Allow remote access | See the name of this computer | 🛡 Device Manager

Windows Update
Turn automatic updating on or off | Check for updates | View installed updates

Power Options
Change battery settings | Require a password when the computer wakes |
Change what the power buttons do | Change when the computer sleeps

---

Control Panel Home

🛡 Device Manager
🛡 Remote settings
🛡 System protection
🛡 Advanced system settings

System Properties

| Computer Name | Hardware | Advanced | System Protection | Remote |

You must be logged on as an Administrator to make most of these changes.

Performance
Visual effects, processor scheduling, memory usage, and virtual memory

Settings...

User Profiles
Desktop settings related to your logon

Settings...

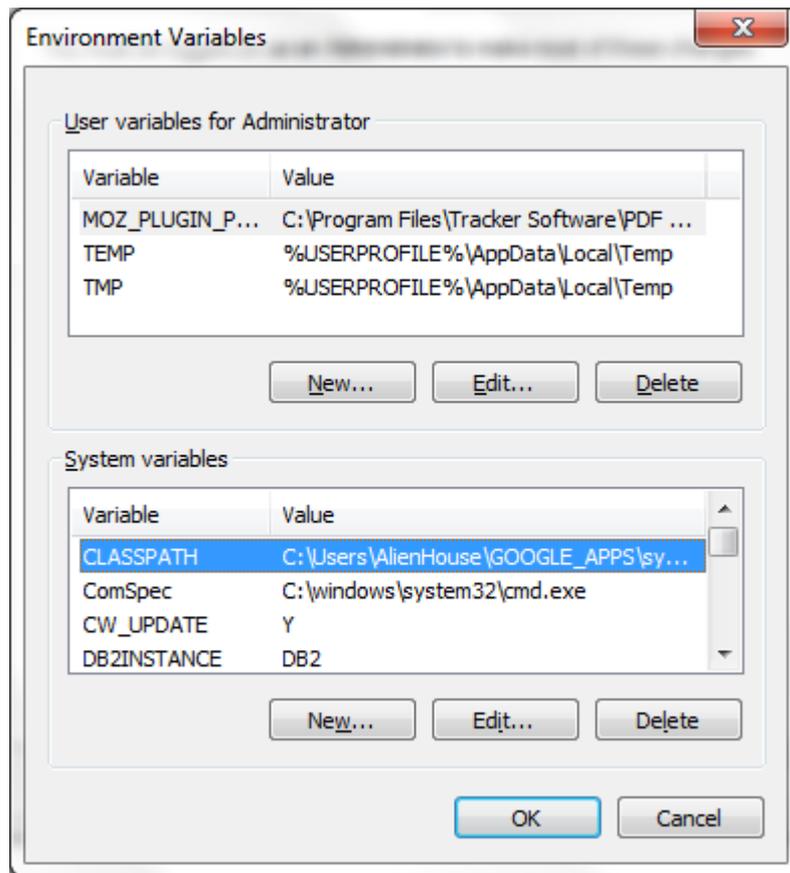**Startup and Recovery**
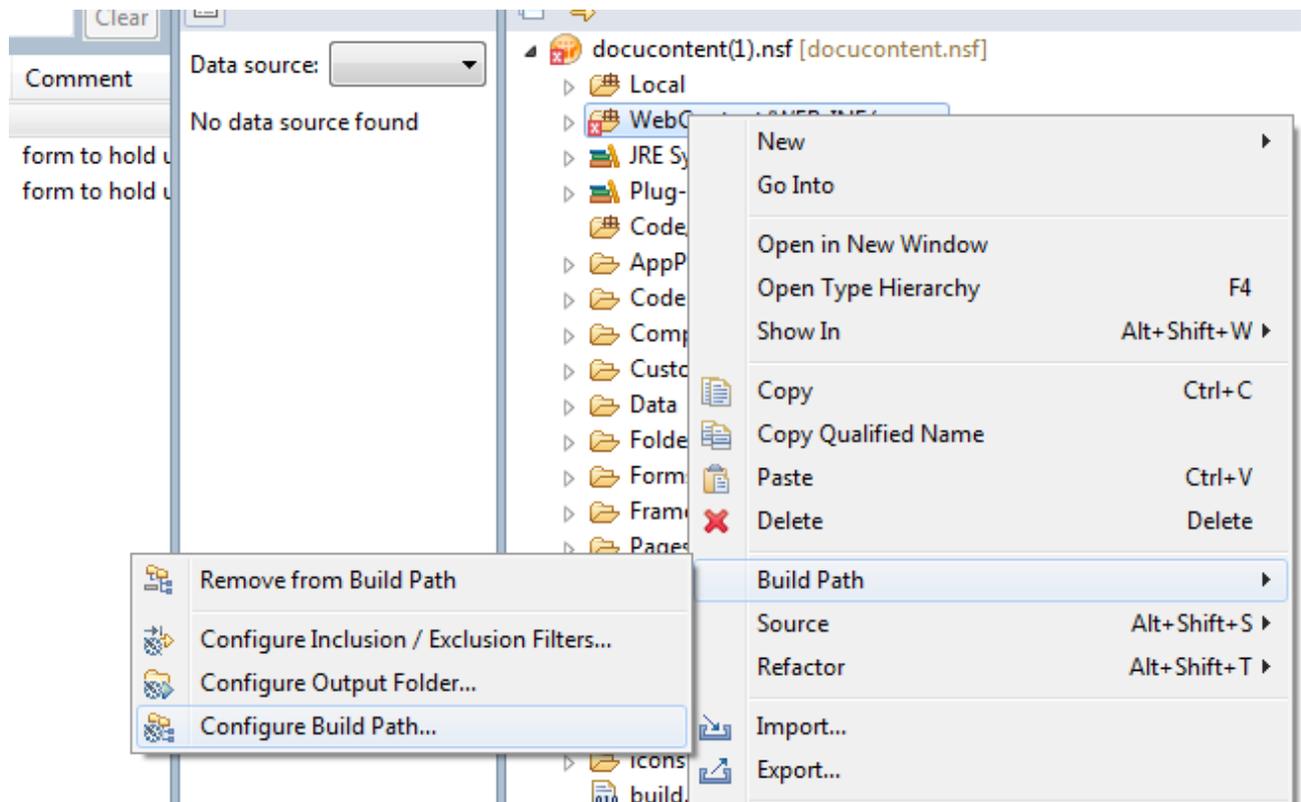System startup, system failure, and debugging information

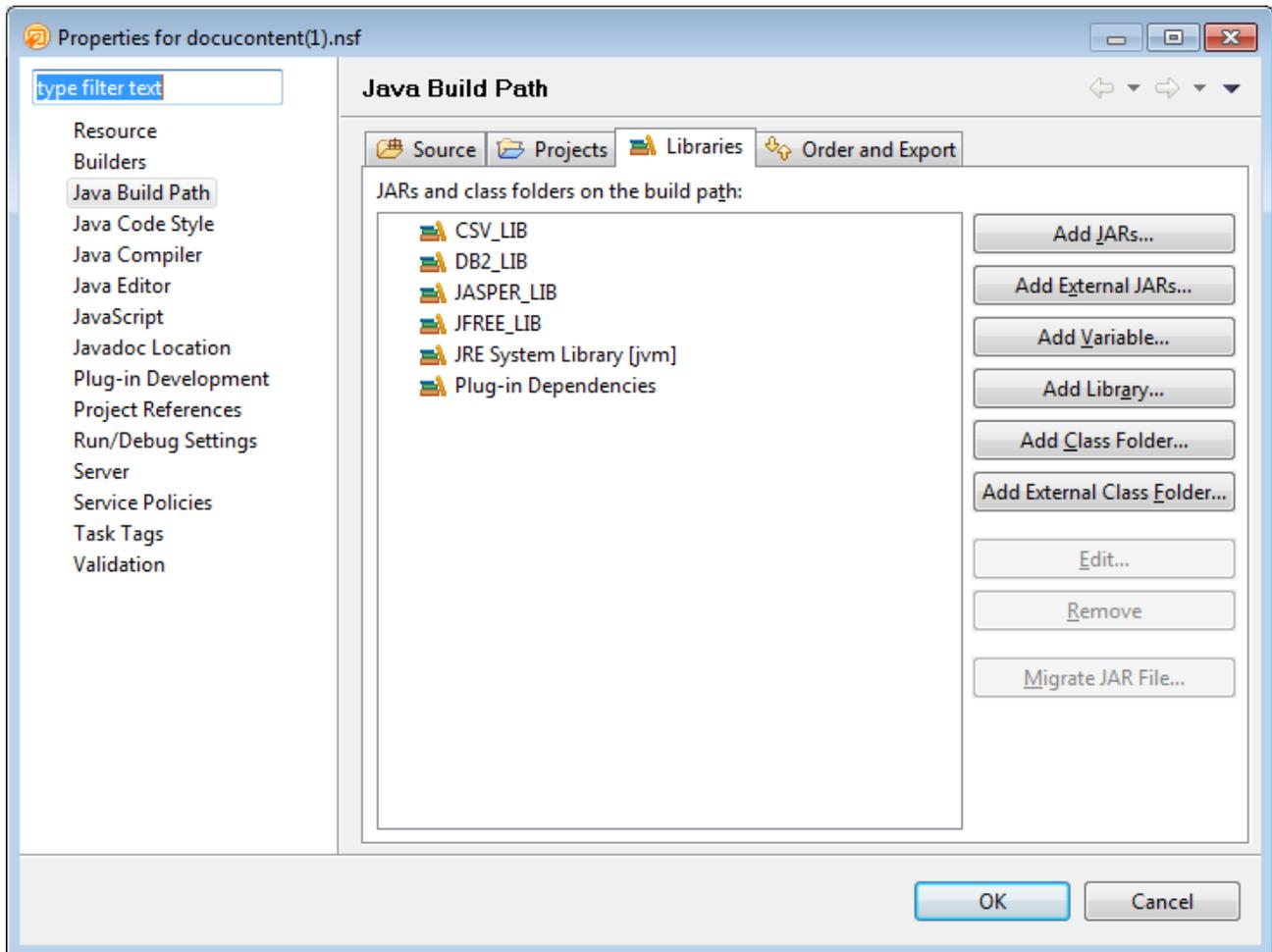Settings...

Environment Variables...

OK   Cancel   Apply

Finish by configuring your project's Build Path, see screenshots for locations

The library placeholders are available but are empty, you must configure so that everything resembles screenshots provided earlier:

1. Click Add Library
2. User Library
3. New
4. The Add Jars from your Notes Directory

Version:2013.11.04.9.16.PM