



The Iam Lotus User Group

Customizing IBM Connections Look and Feel

Jerald Mahurin
SNAPPS

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About Me

- **Jerald Mahurin, Vice President, SNAPPS**
 - With IBM Business Partners for 19 years;
now with
SNAPPS 10 years
 - Frequent speaker at Lotusphere, user
groups, Collaboration University
 - Directs support, development, and delivery
of services for enterprise clients





The Iam Lotus User Group



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What I'll Cover ...

- Tools of the Connections trade
- Knowing where to find things
- Customizing JSP's
- Using styles for branding
- Customizing the Login page
- Removing Community Themes
- Wrap-up

Themes

- **Technologies:**

- ◆ HTML, CSS, JavaScript, JSPs

- **Tools?**

- ◆ Your choice...ours is Eclipse + Aptana + Subversion
- ◆ Let's review some of the “tools of the trade” that are used outside the IDEs

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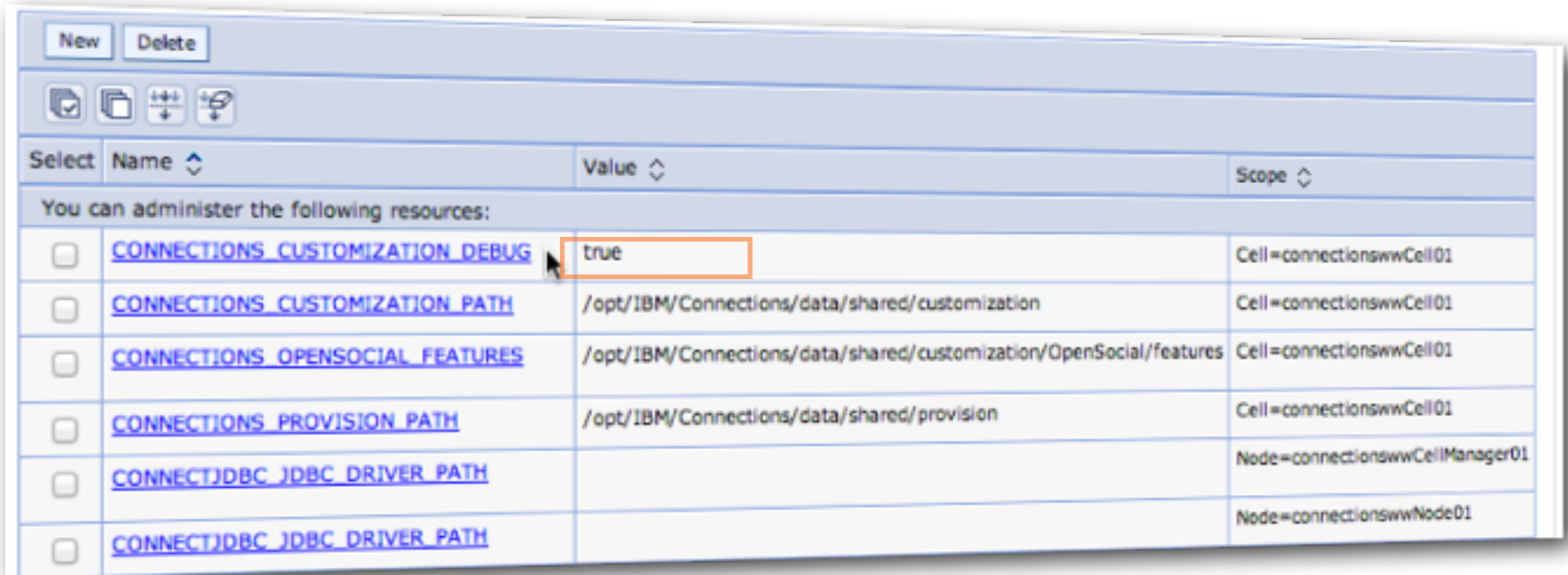
Making changes more dynamic

- **Enable customization debugging by changing the environment variable**

CONNECTIONS_CUSTOMIZATION_DEBUG = true

- **Restart connections server**
- **This setting is not for production**

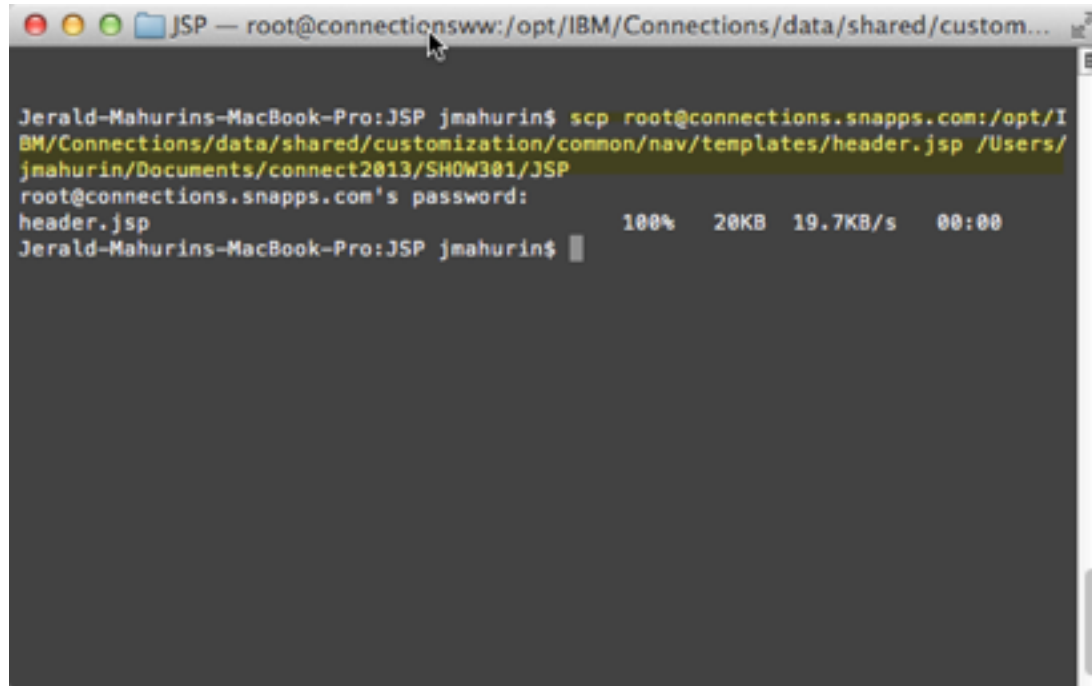
Making changes more dynamic



The screenshot shows a configuration management interface with a table of system properties. The table has columns for Name, Value, and Scope. The first row is highlighted, and the value 'true' is highlighted with an orange box. The table contains the following data:

Select	Name	Value	Scope
<input type="checkbox"/>	CONNECTIONS_CUSTOMIZATION_DEBUG	true	Cell=connectionswwCell01
<input type="checkbox"/>	CONNECTIONS_CUSTOMIZATION_PATH	/opt/IBM/Connections/data/shared/customization	Cell=connectionswwCell01
<input type="checkbox"/>	CONNECTIONS_OPENSOCIAL_FEATURES	/opt/IBM/Connections/data/shared/customization/OpenSocial/features	Cell=connectionswwCell01
<input type="checkbox"/>	CONNECTIONS_PROVISION_PATH	/opt/IBM/Connections/data/shared/provision	Cell=connectionswwCell01
<input type="checkbox"/>	CONNECTJDBC_JDBC_DRIVER_PATH		Node=connectionswwCellManager01
<input type="checkbox"/>	CONNECTJDBC_JDBC_DRIVER_PATH		Node=connectionswwNode01

Managing Remote Files the Hard Way: Terminal



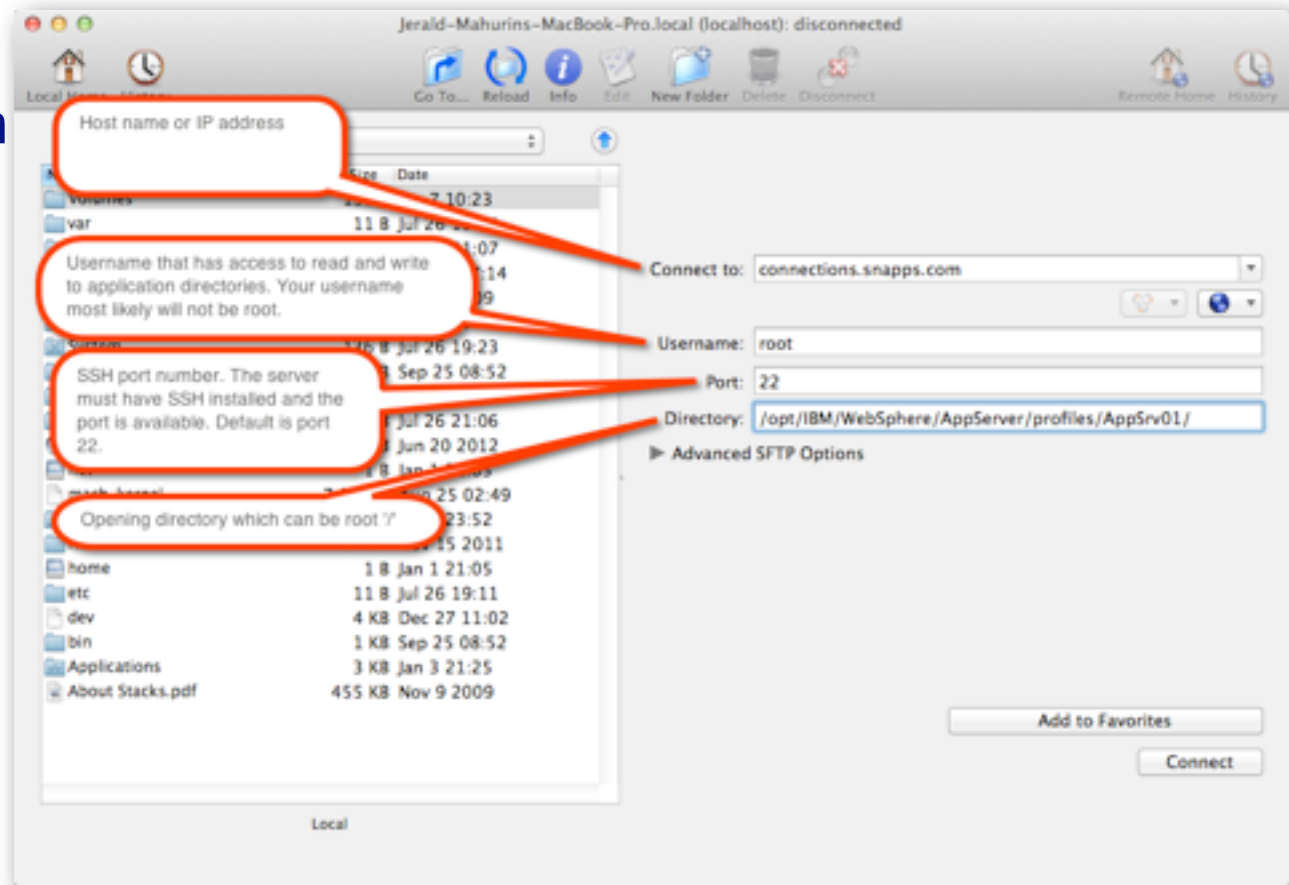
```
JSP — root@connectionsww:/opt/IBM/Connections/data/shared/custom...  
Jerald-Mahurins-MacBook-Pro:JSP jmahurin$ scp root@connections.snapps.com:/opt/IBM/Connections/data/shared/customization/common/nav/templates/header.jsp /Users/jmahurin/Documents/connect2013/SHOW301/JSP  
root@connections.snapps.com's password:  
header.jsp 100% 20KB 19.7KB/s 00:00  
Jerald-Mahurins-MacBook-Pro:JSP jmahurin$
```

Remote File Management Tools in a Unix/Linux World

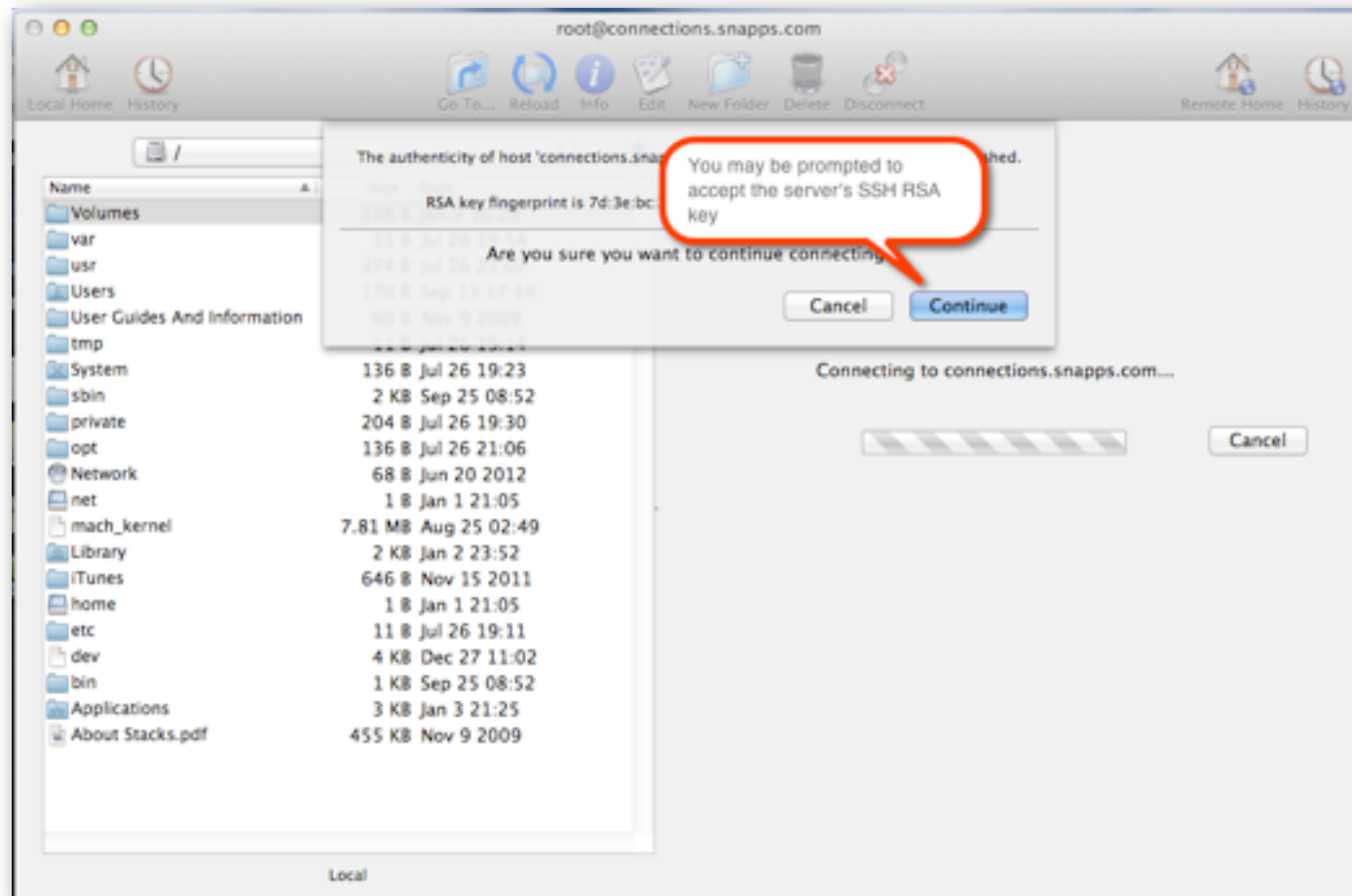
- **Terminal window**
 - ◆ Native Mac/Linux
 - ◆ PuTTY for Windows
- **Unix SCP/SFTP or Client**
 - ▶ CyberDuck (Mac & Windows)
 - ▶ Fugu (Mac)
 - ▶ WinSCP (Windows)
 - ▶ FileZilla (Mac, Windows & Linux)
- **Unix SCP command (Secure CoPy)**
 - ◆ `scp user@FromHost:/location/file user@ToHost:/location/`
 - ◆ `sftp/ftp` command

Or the Easy Way: SFTP Client (in our case, Fugu Login)

- You may have noticed by now my tools are primarily on a Macs
- Platform doesn't matter until you get into specific integration with another system that has a platform limitation
- For instance, integration with Domino applications may require Domino Designer



First time SSH access may prompt to accept RSA key



Note About SFTP: Be nice to your admins

- **SSH must be installed on the server**
- **Port 22 or equivalent must be available to you**
- **You will need Read & Write privileges to the file system**

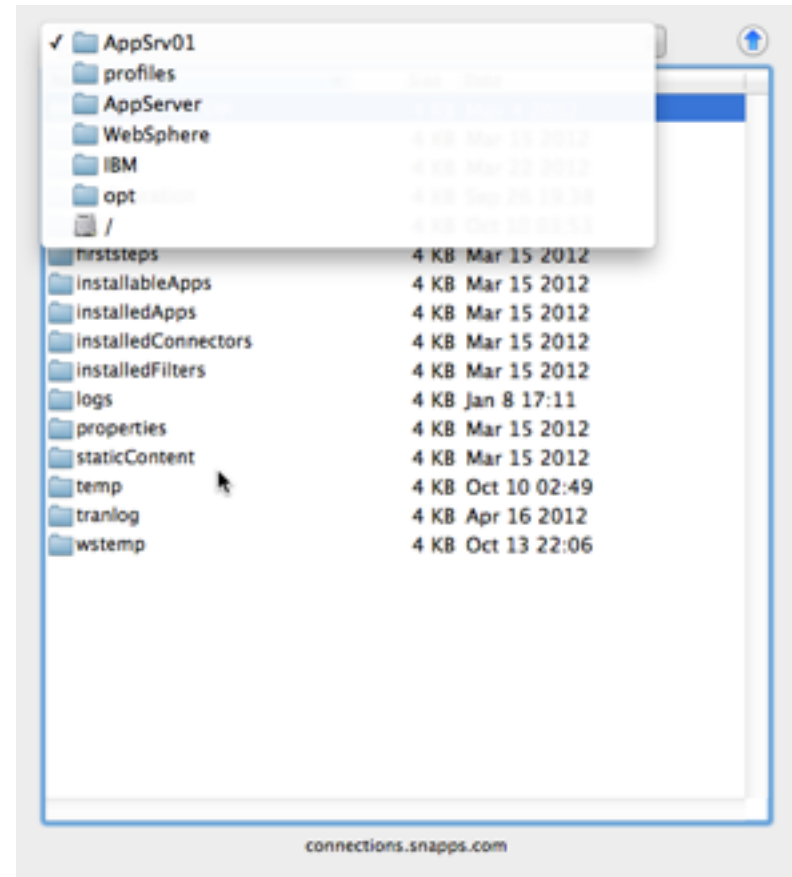
- **You now you wish you were nicer to your Administrators last week**

What I'll Cover ...

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- **Knowing where to find things**
- Customizing JSP's
- Using styles for branding
- Customizing the Login page
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Directory specified in login if your client provides this feature

- This slide simply illustrates the target directory for the AppServer
- Some clients (like Fugu) let you specify a “starting directory” which can be quite nice, because as you will soon see, directories in WebSphere are very very deep!



Customizing the Header JSP

- **Why? We want to do something you can't do easily with CSS (for illustration)**
- **Method: Find the default JSP and modify a copy of it**
- **Location of the default JSP is determined by the Connections installation**
- **Location:**

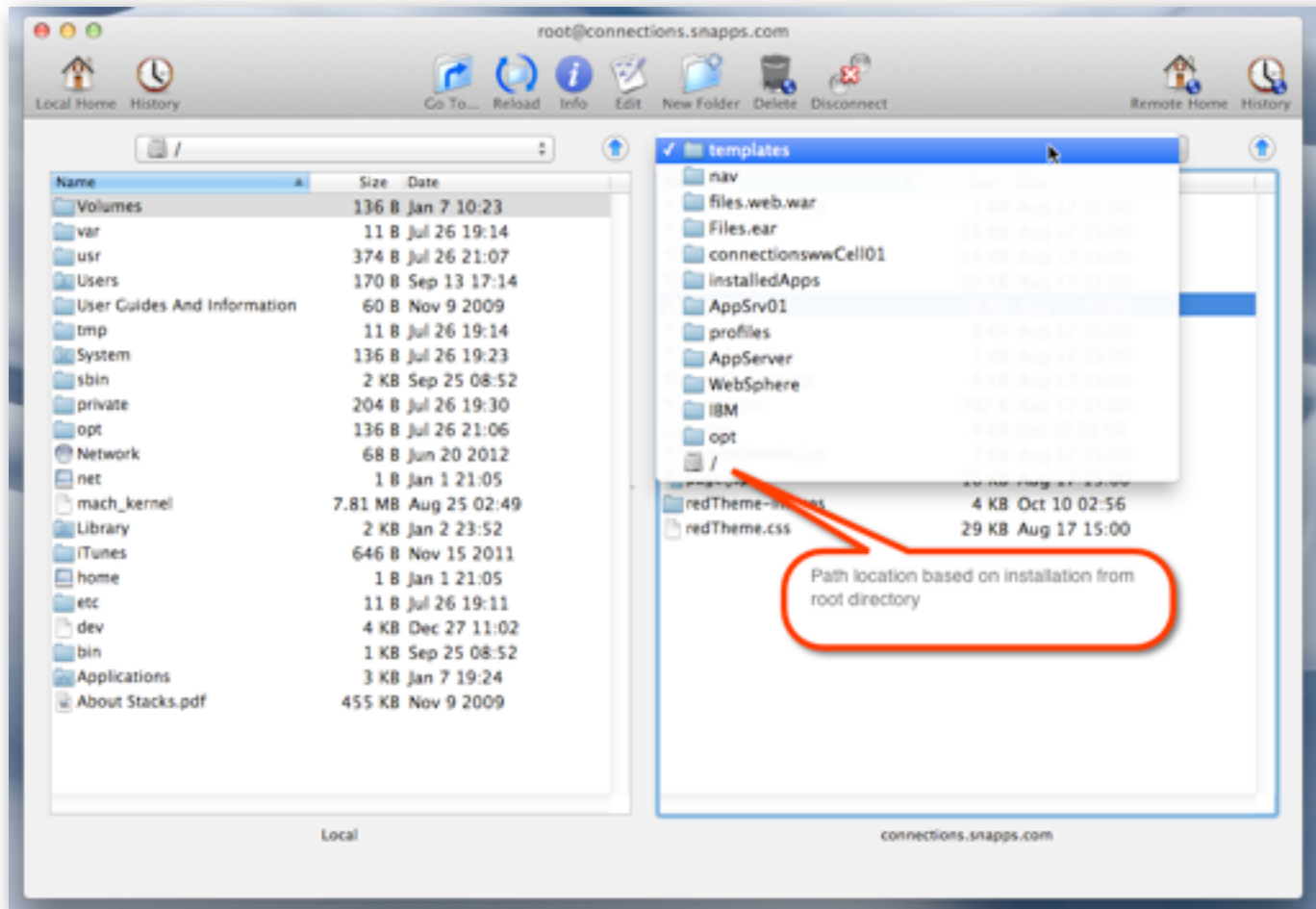
```
{WAS_HOME}/profiles/{profile_name}/installedApps/{cell_name}/  
{application_name.ear}/{application_name.war}/nav/templates/  
{files}
```


Customizing the Header JSP

- **Mine looks something like this:**

```
/opt/IBM/WebSphere/AppServer/profiles/AppSrv01/installedApps/  
connectionswwCell01/Common.ear/connections.info.war/nav/templates/  
header.jsp
```

Navigate to your target file



Identify the file you want to customize

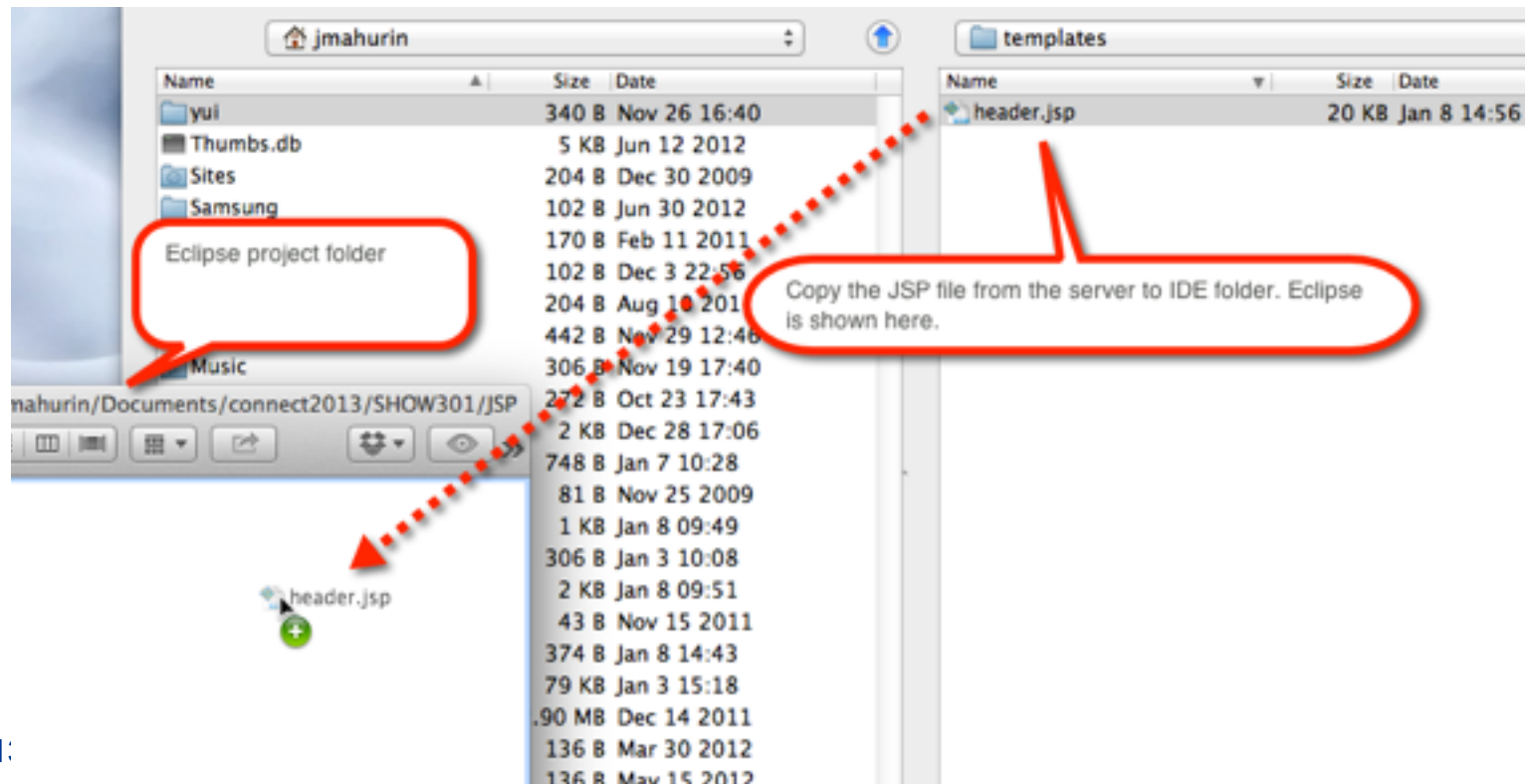
The screenshot displays a web browser window titled 'root@connections.snapps.com'. The interface is divided into two main panels. The left panel, labeled 'Local', shows the file system of the user's local machine with various system folders and files. The right panel, labeled 'connections.snapps.com', shows the file system of a remote server, specifically the 'templates' directory. A red callout box points to the 'header.jsp' file in the right panel, with the text: 'Copy the source file to your development IDE project folder to edit the default JSP'.

Name	Size	Date
Volumes	136 B	Jan 7 10:23
var	11 B	Jul 26 19:14
usr	374 B	Jul 26 21:07
Users	170 B	Sep 13 17:14
User Guides And Information	60 B	Nov 9 2009
tmp	11 B	Jul 26 19:14
System	136 B	Jul 26 19:23
sbin	2 KB	Sep 25 08:52
private	204 B	Jul 26 19:30
opt	136 B	Jul 26 21:06
Network	68 B	Jun 20 2012
net	1 B	Jan 1 21:05
mach_kernel	7.81 MB	Aug 25 02:49
Library	2 KB	Jan 2 23:52
iTunes	646 B	Nov 15 2011
home	1 B	Jan 1 21:05
etc	11 B	Jul 26 19:11
dev	4 KB	Dec 27 11:02
bin	1 KB	Sep 25 08:52
Applications	3 KB	Jan 7 19:24
About Stacks.pdf	455 KB	Nov 9 2009

Name	Size	Date
communityInfo.jsp	1 KB	Aug 17 15:00
error.jsp	14 KB	Aug 17 15:00
errorCompact.jsp	14 KB	Aug 17 15:00
footer.jsp	10 KB	Aug 17 15:00
header.jsp	19 KB	Aug 17 15:00
login.jsp	8 KB	Aug 17 15:00
loginBasic.jsp	1 KB	Aug 17 15:00
loginCompact.jsp	1 KB	Aug 17 15:00
loginPage.jsp	1 KB	Aug 17 15:00
pa		17 15:00
redTheme-images	4 KB	Oct 10 02:56
redTheme.css	29 KB	Aug 17 15:00

Copy the file to your local workstation (Eclipse project folder)

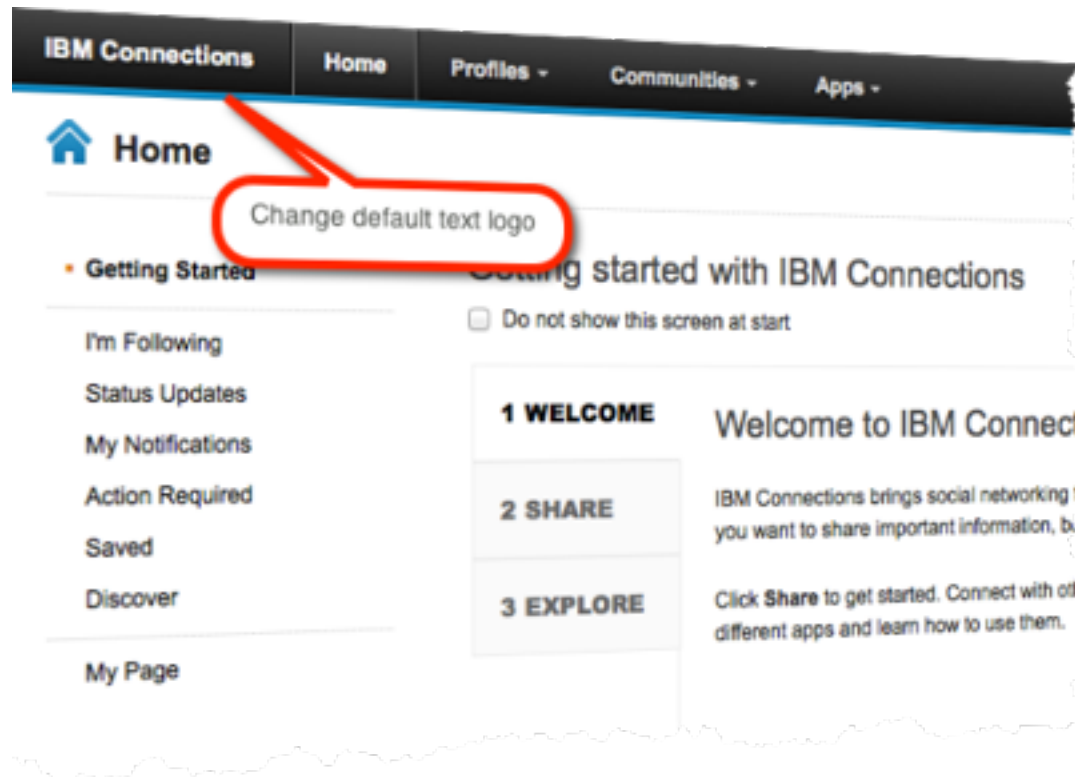
- **Never, ever, ever make changes in-line live to the JSPs on the Connections server, your admin will hunt you down**



What I'll Cover ...

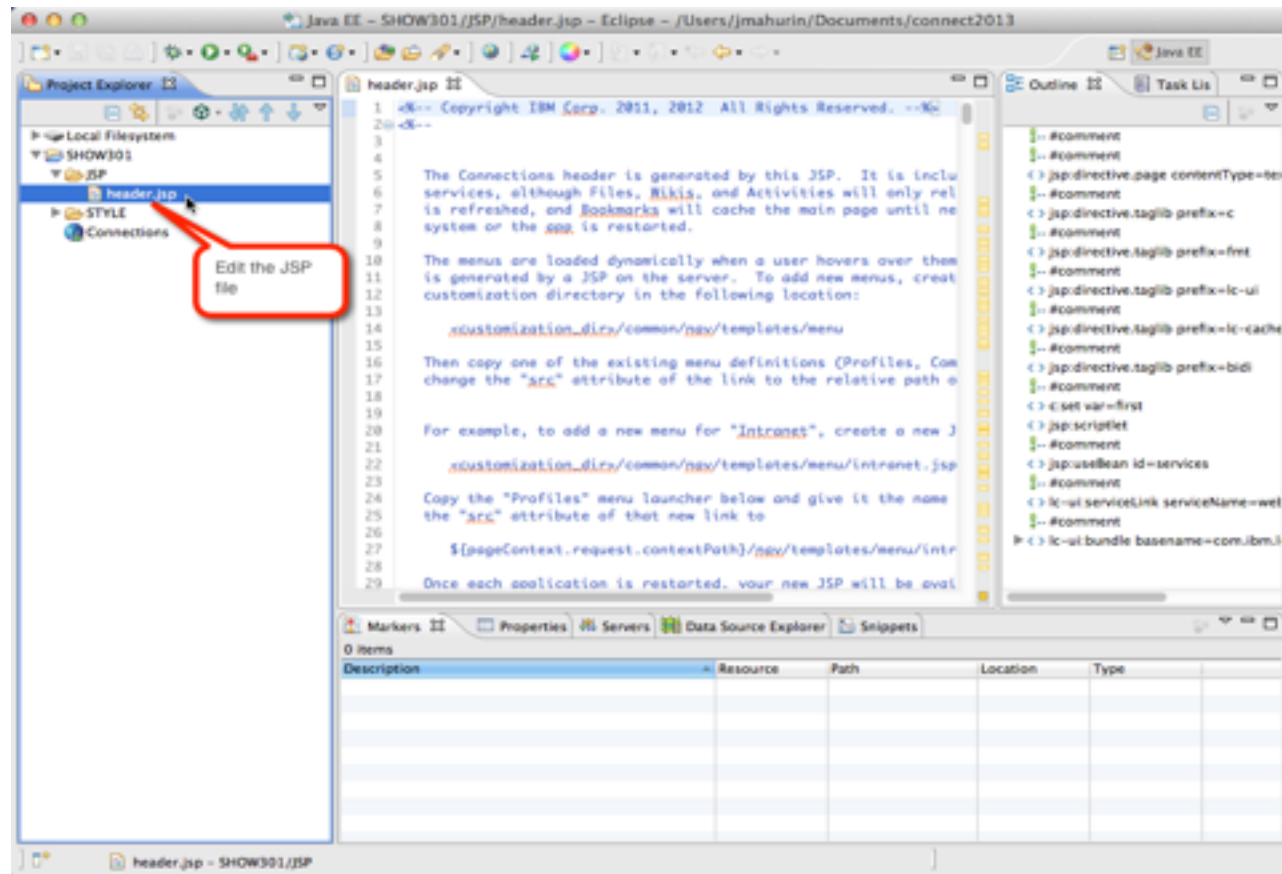
- Tools of the Connections trade
- Knowing where to find things
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We are going to change the text logo in the header.jsp



Edit file in Eclipse Java EE editor

- Another editor or perspective can be used, but may lack the convenience of the Outline
- The Eclipse IDE can offer version control and facilitate collaborative development
- Built-in mini Web server



Make customizations with chosen editor

```
70
71 <a href="#mainContent" id="lotusAccessLinkMainContent" accesskey="5" class="lotusAccess">
72   
73 </a>
74 <a href="#tabNavigation" id="lotusAccessLinkTabNavigation" accesskey="1" class="lotusAccess">
75   
76 </a>
77 <a href="#subNavigation" id="lotusAccessLinkSubNavigation" accesskey="3" class="lotusAccess">
78   
79 </a>
80
81 This section displays the IBM Connections logo.
82
83
84 --%><div class="lotusLogo" id="lotusLogo"><span class="lotusAltText">IBM Connections</span></div><%--
85
86
87 This section displays the user name, log in and log out links, help, language selector, and settings links.
88
89 --%><ul class="lotusInlinelist lotusUtility lotusNowrap" id="headerMenuContainer"><%--
90   --%><li class="lotusFirst" id="headerUserText" <c:if test="${!hasUsername}">style="display: none;"</c:if><spr
91     --%><a class="lotusUser" id="headerUserName" href="#">

```

Simple modification of the JSP to change the logo text

Shown here changing the logo text to corporate name

```
src="<lc-ui:blankGif />" alt="Skip to main content link. Accesskey S" />  
="#tabNavigation" id="lotusAccessLinkTabNavigation" accesskey="1" class="lotusAccess">  
src="<lc-ui:blankGif />" alt="Skip to tab navigation link. Accesskey 1" />  
="#subNavigation" id="lotusAccessLinkSubNavigation" accesskey="2" class="lotusAccess">  
src="<lc-ui:blankGif />" alt="Skip to sub navigation. Accesskey 2" />
```

Change logo text

ction displays the IBM Connections logo.

```
v class="lotusLogo" id="lotusLogo"><span class="lotusAltText">SNAPPS</span></div><!--
```

ction displays the user name, log in and log out links, help, language selector, and settings links.

```
class="lotusInlinelist lotusUtility lotusNowrap" id="headerMenuContainer"><!--  
<li class="lotusFirst" id="headerUserText" <c:if test="${!hasUsername}">style="display: none;"</c:if>><span  
<!--><span class="lotusUser" id="headerUserName"
```

Now you need to know where to put your customized JSP

- Not knowing where to put things can be frustrating
- You *don't* have to configure your IDE to compile JSPs
- Connections will do it for you
- You *don't* have to configure Tomcat in your IDE

Open the Integrated Solutions Console (ISC)

- **URL:** `https://{host}:9043/admin`
- **Navigate to the ISC console**
- **The default port is 9043 (Yours may vary)**
- **Shows you where find resources**
- **Locations are set during installation**

Find the customization locations in ISC

The screenshot shows the IBM Connections Administration console. On the left, the navigation tree is expanded to 'Environment' > 'WAS Variables'. Two callouts are present: '1' points to 'Open Environment' and '2' points to 'WAS Variables'. The main area displays a table of system properties. A third callout, '3', points to the 'CONNECTIONS_CUSTOMIZATION_PATH' property in the table.

<input type="checkbox"/>	ACTIVITY_STREAM_SEARCH_INDEX_DIR	/opt/IBM/Connections/data/local/activities/statistics	Cell=connectionswwCell01
<input type="checkbox"/>	ACTIVITY_STREAM_SEARCH_REPLICATION_DIR	/opt/IBM/Connections/data/shared/news/search/indexReplication	Cell=connectionswwCell01
<input type="checkbox"/>	APP_INSTALL_ROOT	\${USER_INSTALL_ROOT}/installedApps	Node=connectionswwCellManager01
<input type="checkbox"/>	APP_INSTALL_ROOT	\${USER_INSTALL_ROOT}/installedApps	Node=connectionswwNode01
<input type="checkbox"/>	ARS_NAME	ibmARS.ear	Node=connectionswwCellManager01
<input type="checkbox"/>	ARS_NAME	ibmARS.ear	Node=connectionswwNode01
<input type="checkbox"/>	ARS_NAME	ibmARS.ear	Node=WebserverNode01,Server=Webserver1
<input type="checkbox"/>	AUDIT_FILE_ROOT_DIR	/opt/IBM/Connections/data/shared/audit	Cell=connectionswwCell01
<input type="checkbox"/>	BLOGS_CONTENT_DIR	/opt/IBM/Connections/data/shared/blogs/upload	Cell=connectionswwCell01
<input type="checkbox"/>	BLOGS_HOME	/opt/IBM/Connections/blogs/blogs/blogs	Cell=connectionswwCell01
<input type="checkbox"/>	BLOGS_JDBC_DRIVER_HOME	/opt/ibm/tdsv6.3db2/java	Cell=connectionswwCell01
<input type="checkbox"/>	CATALOG_INDEX_DIR	/opt/IBM/Connections/data/local/catalog/index	Cell=connectionswwCell01
<input type="checkbox"/>	CATALOG_REPLICATION_DIR	/opt/IBM/Connections/data/shared/catalog/indexReplication	Cell=connectionswwCell01
<input type="checkbox"/>	COMMUNITIES_HOME	/opt/IBM/Connections/data/shared/communities	Cell=connectionswwCell01
<input type="checkbox"/>	COMMUNITIES_HOME	/opt/ibm/tdsv6.3db2/java	Cell=connectionswwCell01
<input type="checkbox"/>	COMMUNITIES_STATISTICS	/opt/IBM/Connections/data/shared/communities/statistics	Cell=connectionswwCell01

Page: 1 of 7 Total 137

Jackpot: your customization path

Scope: =All scopes

Show scope selection drop-down list with the all scopes option

Scope specifies the level at which the resource definition is visible. For detailed information on what scope is and how it works, [see the scope settings help](#).

All scopes

Preferences

New Delete

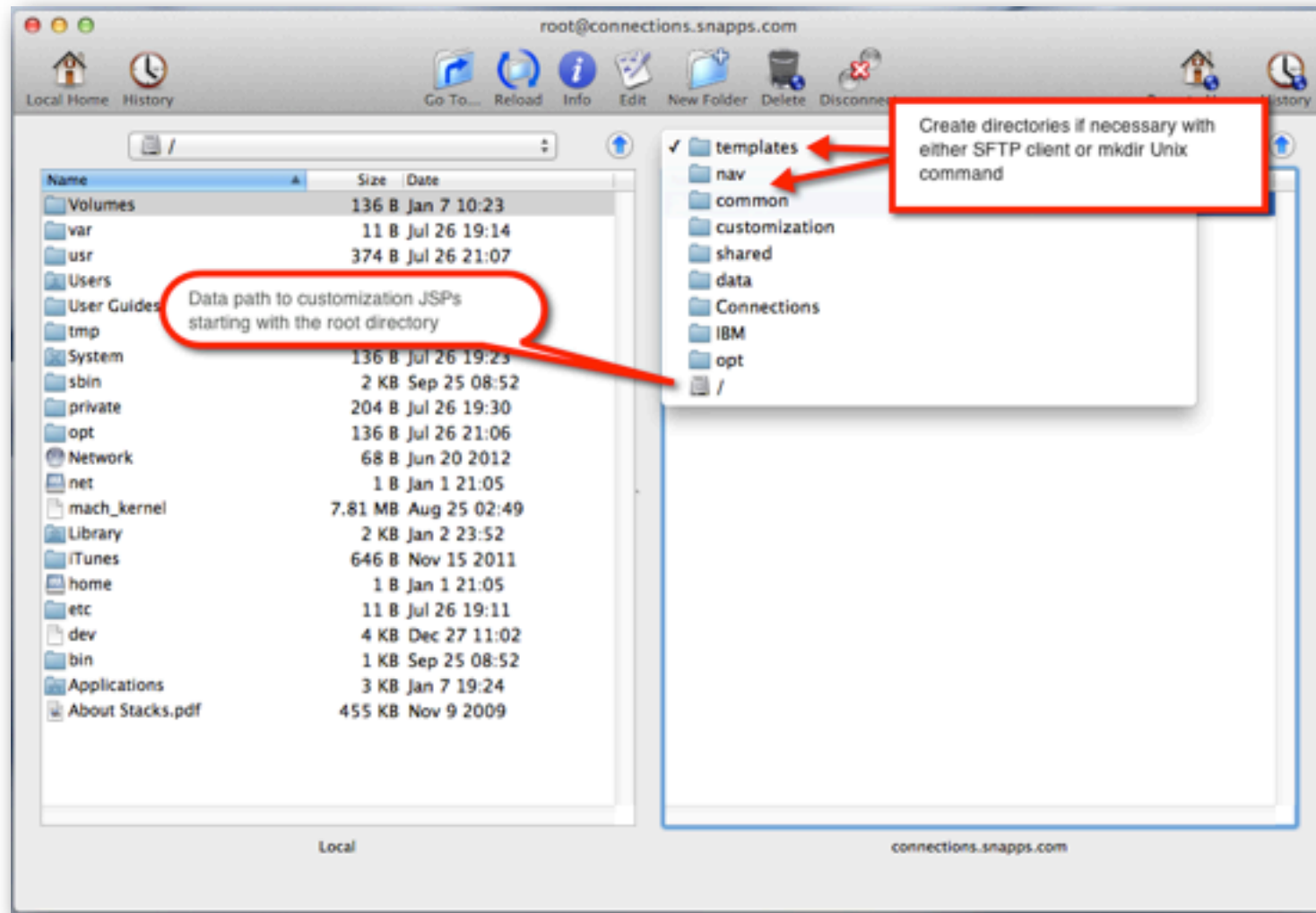
Select Name Scope

You can administer the following resources:

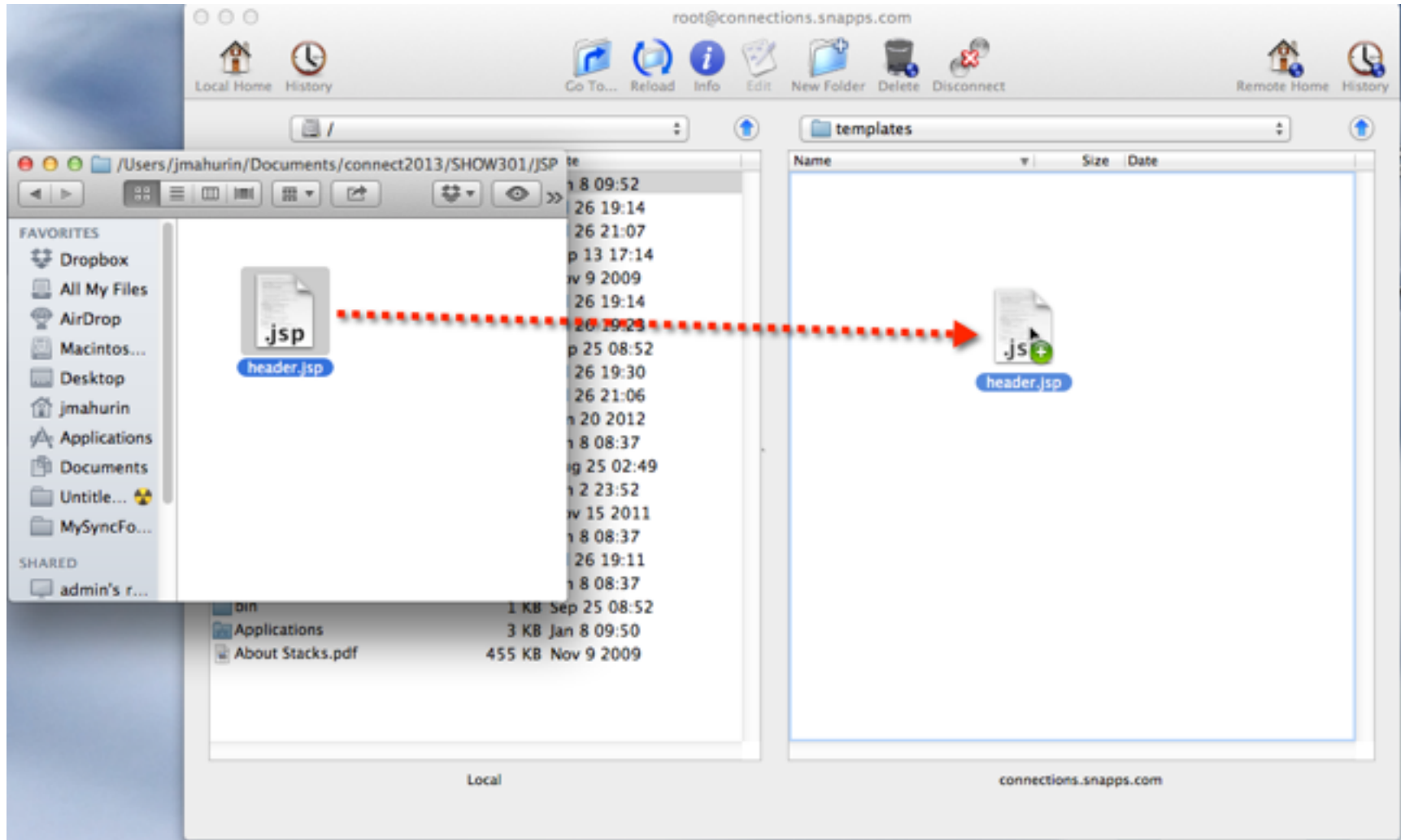
Select	Name	Value	Scope
<input type="checkbox"/>	CONNECTIONS_CUSTOMIZATION_DEBUG	true	Cell=connectionswwCell01
<input type="checkbox"/>	CONNECTIONS_CUSTOMIZATION_PATH	/opt/IBM/Connections/data/shared/customization	Cell=connectionswwCell01
<input type="checkbox"/>	CONNECTIONS_OPENSOCIAL_FEATURES	/opt/IBM/Connections/data/shared/customization/OpenSocial/features	Cell=connectionswwCell01
<input type="checkbox"/>	CONNECTIONS_PROVISION_PATH	/opt/IBM/Connections/data/shared/provision	Cell=connectionswwCell01
<input type="checkbox"/>	CONNECTJDBC_JDBC_DRIVER_PATH		Node=connectionswwCellManager01

Environment variable to customization path

You may need to create directories...



Copy the JSP file in the templates folder from your IDE



Back to ISC: Stop & Start the Common application

The screenshot displays the IBM WebSphere Administration Console interface. The left-hand navigation pane shows a tree view with 'Applications' expanded to 'WebSphere enterprise applications'. The right-hand pane shows the 'Enterprise Applications' management page for a specific cell. A table lists various applications, with 'Common' selected. A toolbar at the top of the right pane contains buttons for 'Start', 'Stop', 'Install', 'Uninstall', 'Update', 'Rollout Update', 'Remove File', 'Export', 'Export DDL', and 'Export File'. Red callout boxes with numbered green circles (1-4) provide instructions: 1. 'In the ISC console open Applications', 2. 'Click on the WebSphere enterprise applications link', 3. 'Check the application(s) to restart', and 4. 'Click the Stop and then the Start button'.

1 In the ISC console open Applications

2 Click on the WebSphere enterprise applications link

3 Check the application(s) to restart

4 Click the Stop and then the Start button

View: All tasks

Cell=con

Enterprise Applications

Use this page to manage installed applications. A single application can be deployed onto multiple servers.

Start Stop Install Uninstall Update Rollout Update Remove File Export Export DDL Export File

Select	Name	Application Status
<input type="checkbox"/>	Activities	➔
<input type="checkbox"/>	Blogs	➔
<input checked="" type="checkbox"/>	Common	➔
<input type="checkbox"/>	Communities	➔
<input type="checkbox"/>	DefaultApplication	✖
<input type="checkbox"/>	Dosear	➔
<input type="checkbox"/>	Files	➔
<input type="checkbox"/>	Forums	➔
<input type="checkbox"/>	Help	➔

Delete your browser's cache and refresh

The screenshot shows the IBM Connections user interface. At the top is a dark navigation bar with 'SNAPPS', 'Home', 'Profiles', 'Communities', and 'Apps'. Below this is a 'Home' header with a house icon. A sidebar on the left lists navigation options: 'Getting Started' (highlighted), 'I'm Following', 'Status Updates', 'My Notifications', 'Action Required', 'Saved', 'Discover', and 'My Page'. The main content area is titled 'Getting started with IBM Connections' and includes a checkbox for 'Do not show this screen at start'. A red callout box points to the 'Getting Started' sidebar item and contains the text: 'Restart the server or application to see the changes on the customized JSP'. Below the callout, there are sections for '2 SHARE' and '3 EXPLORE', followed by a paragraph about IBM Connections bringing social networking to the enterprise.

Restart the server or application to see the changes on the customized JSP

Welcome to IBM Connections

IBM Connections brings social networking to the enterprise, allowing you to share important information, build a network of useful contacts, and connect with others.

2 SHARE

3 EXPLORE

Click **Share** to get started. Connect with others and start exchanging information from different apps and learn how to use them.

In case you thought that was too easy

- **It was**
- **But you learned something about**
 - ♦ The location of source files
 - ♦ How to download and change a common JSP page
 - ♦ Where files go
 - ♦ And how to apply your changes
- **Now let's do it again (sort of)**

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- **Using styles for branding**
- Customizing the Login page
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IBM Theme Frame

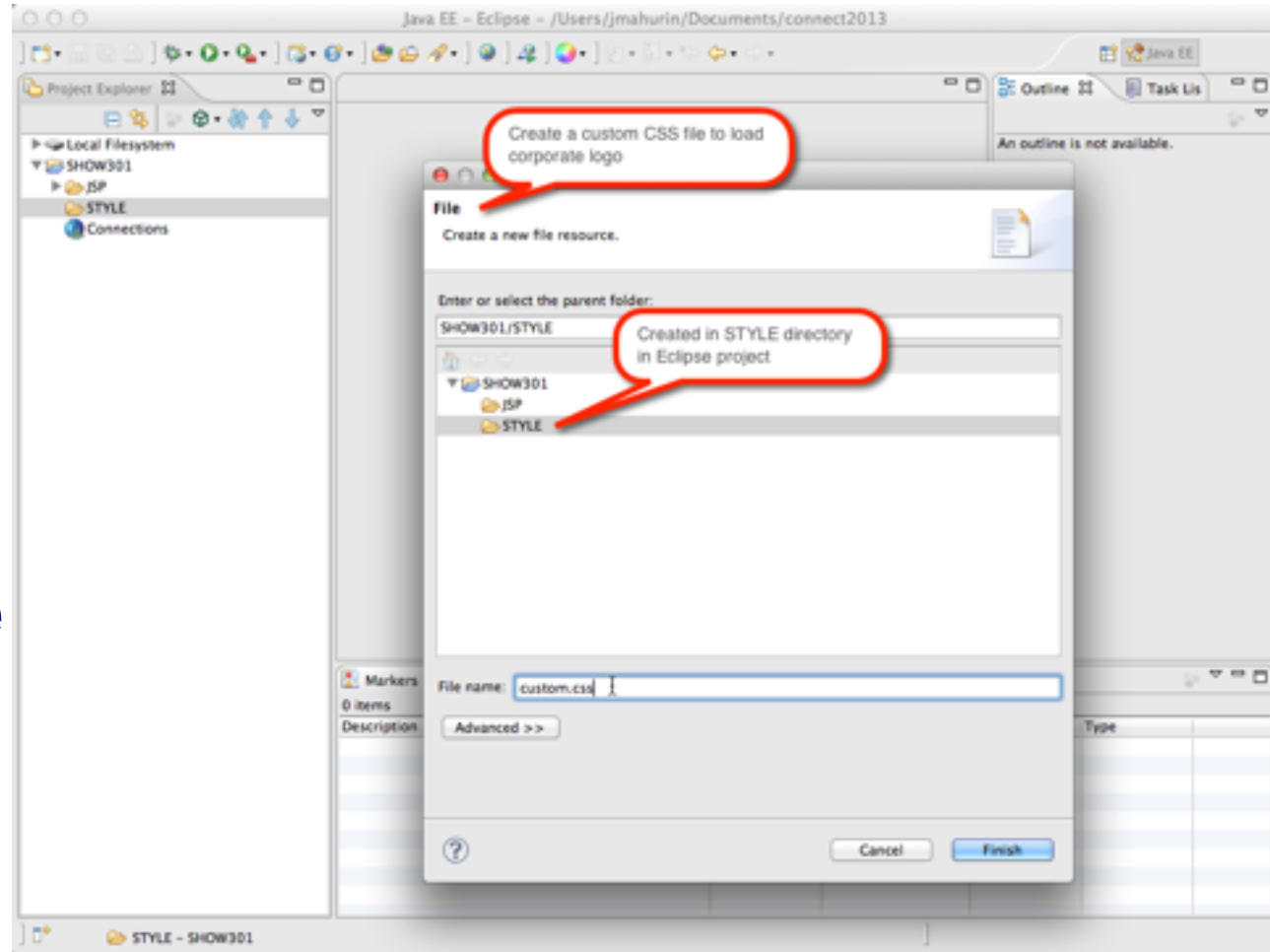
The image shows a screenshot of the IBM Connections home page. The page is annotated with orange and blue boxes and arrows pointing to various components. The following CSS selectors are listed on the right side of the page:

- `#lotusFrame .lotusui30_layout .lotusui30_layout`
- `.lotusFrame`
- `#lotusBanner .lotusBanner`
- `#lotusMain .lotusMain`
- `#lotusColLeft .lotusColLeft`
- `#lotusContent .lotusContent`
- `#lotusFooter .lotusFooter`

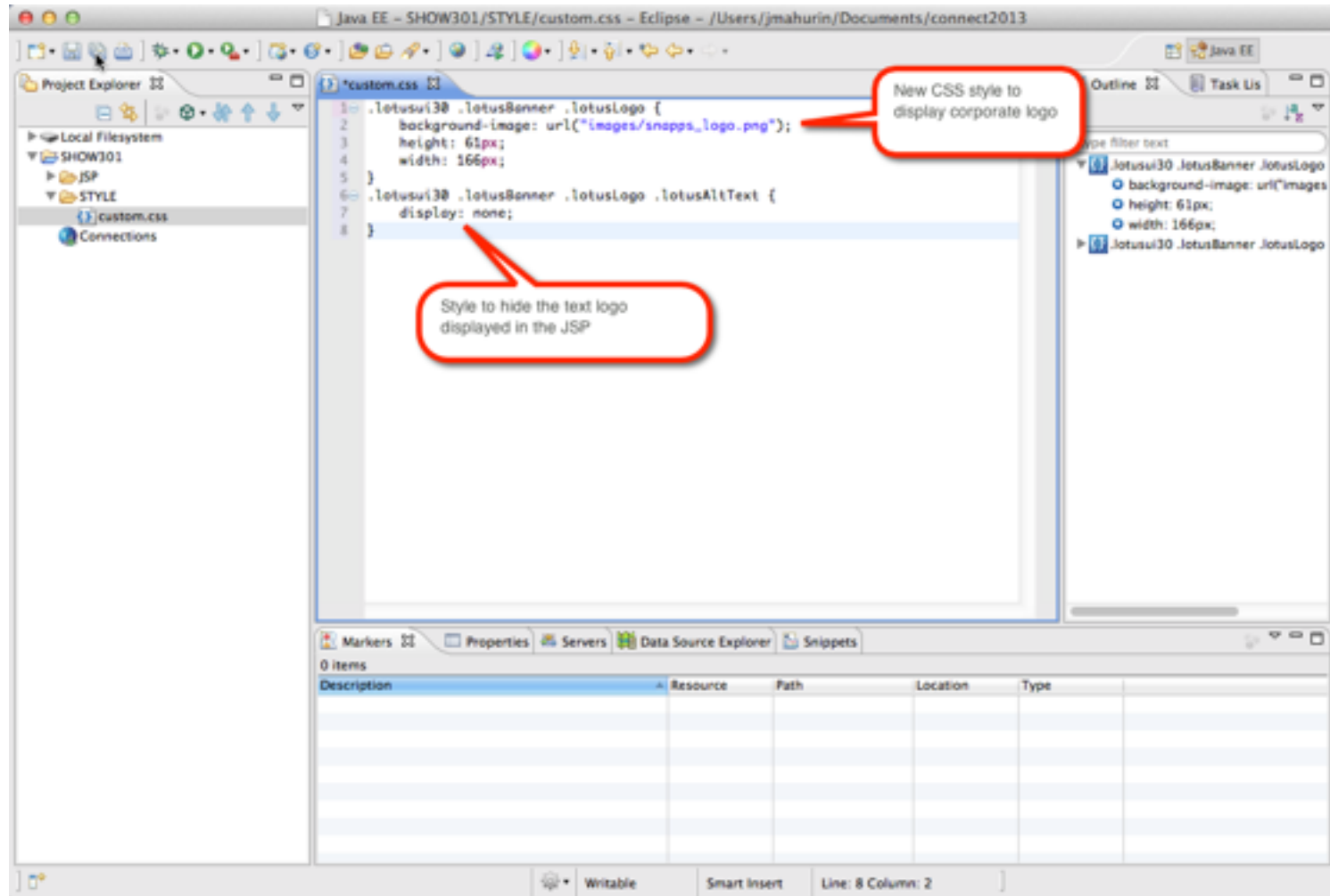
The screenshot includes a top navigation bar with links for IBM Connections, Home, Profiles, Communities, and Apps. A left sidebar contains a 'Home' section with sub-links like 'Getting Started', 'I'm Following', 'Status Updates', 'My Notifications', 'Action Required', 'Saved', 'Discover', and 'My Page'. The main content area features a 'Getting started with IBM Connections' section with a '1 WELCOME' message and a '2 SHARE' button. A footer at the bottom contains links for Home, Demo, Help, IBM Lotus Support Forums, Bookmarking Tools, About, IBM Connections on ibm.com, and Submit Feedback.

Try to do most customizations with styles

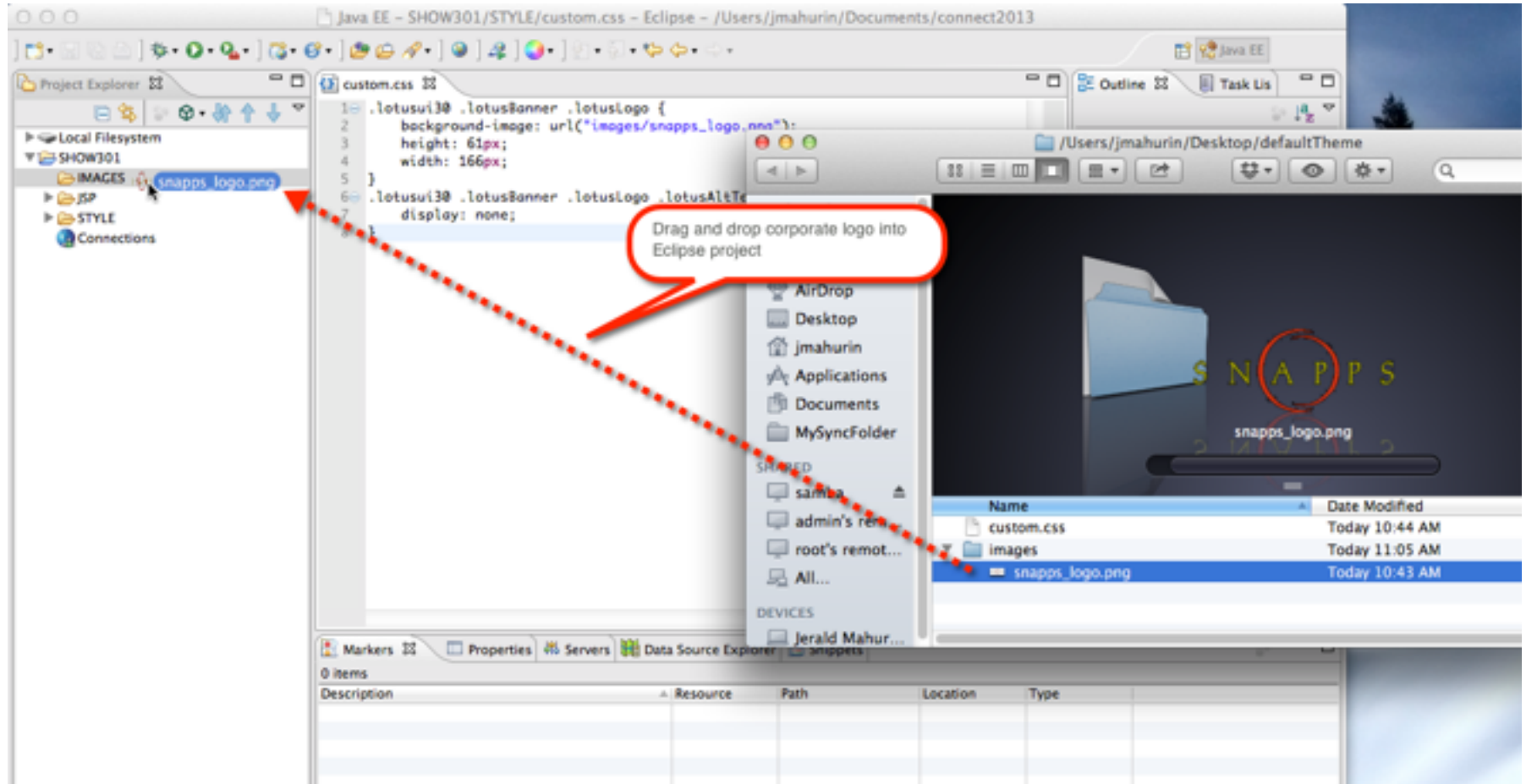
- Next we will create a custom CSS to load a corporate logo instead of words in the upper left corner
- In Eclipse, create a New - File



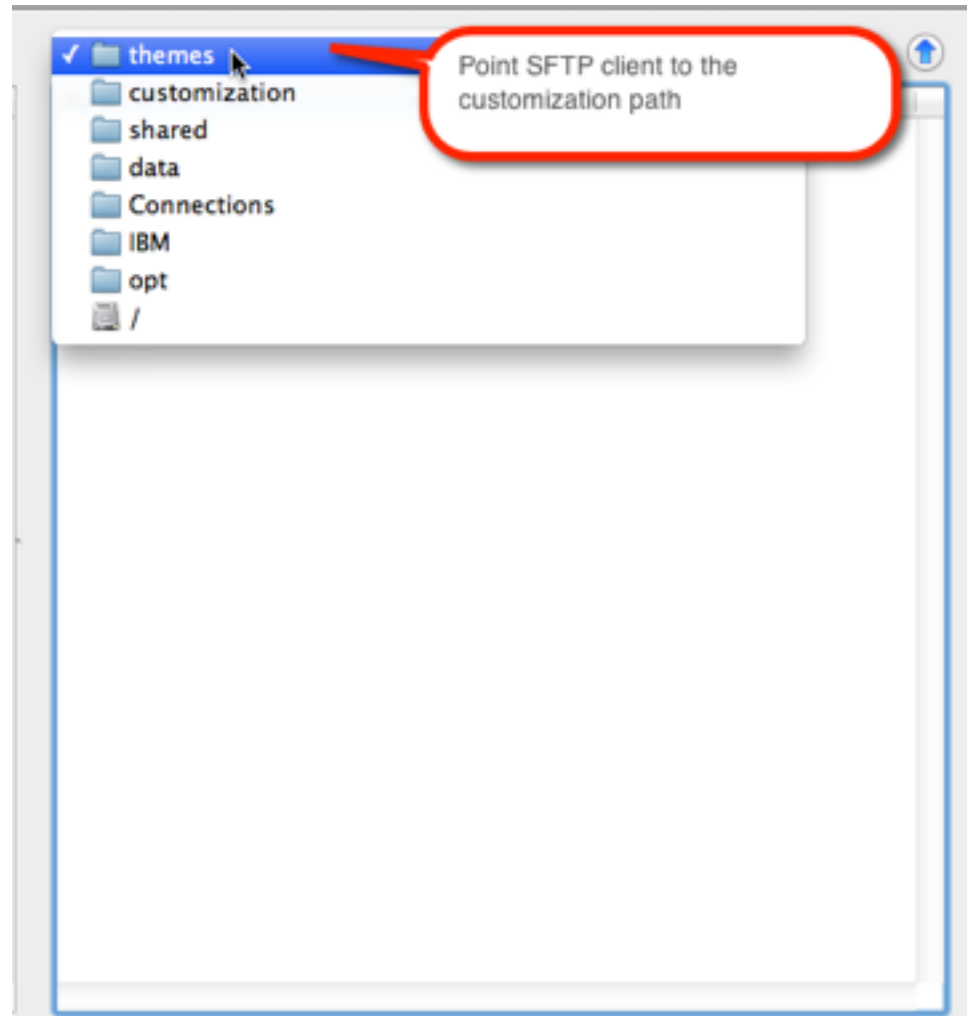
Create a file called “custom.css” in your IDE project



Bring your logo into your IDE environment if you like

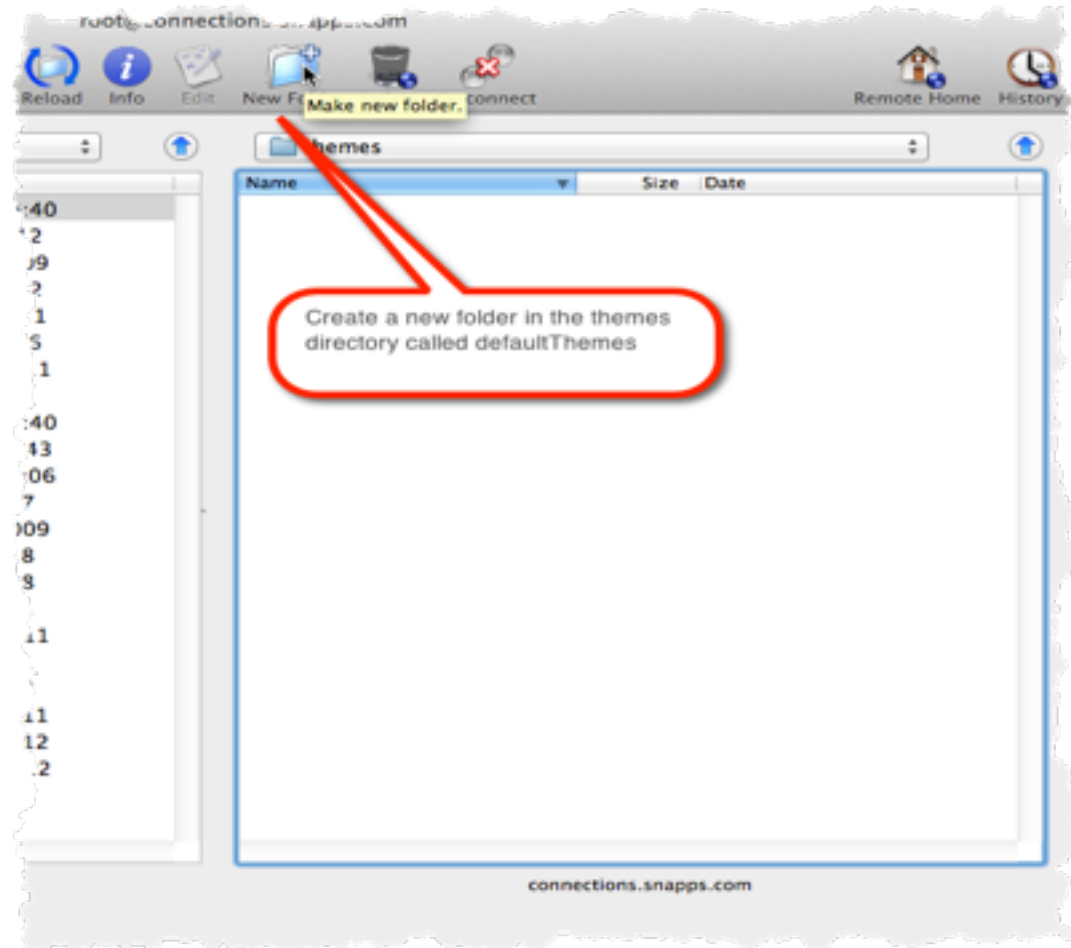


Navigate to the themes folder under customization on the server

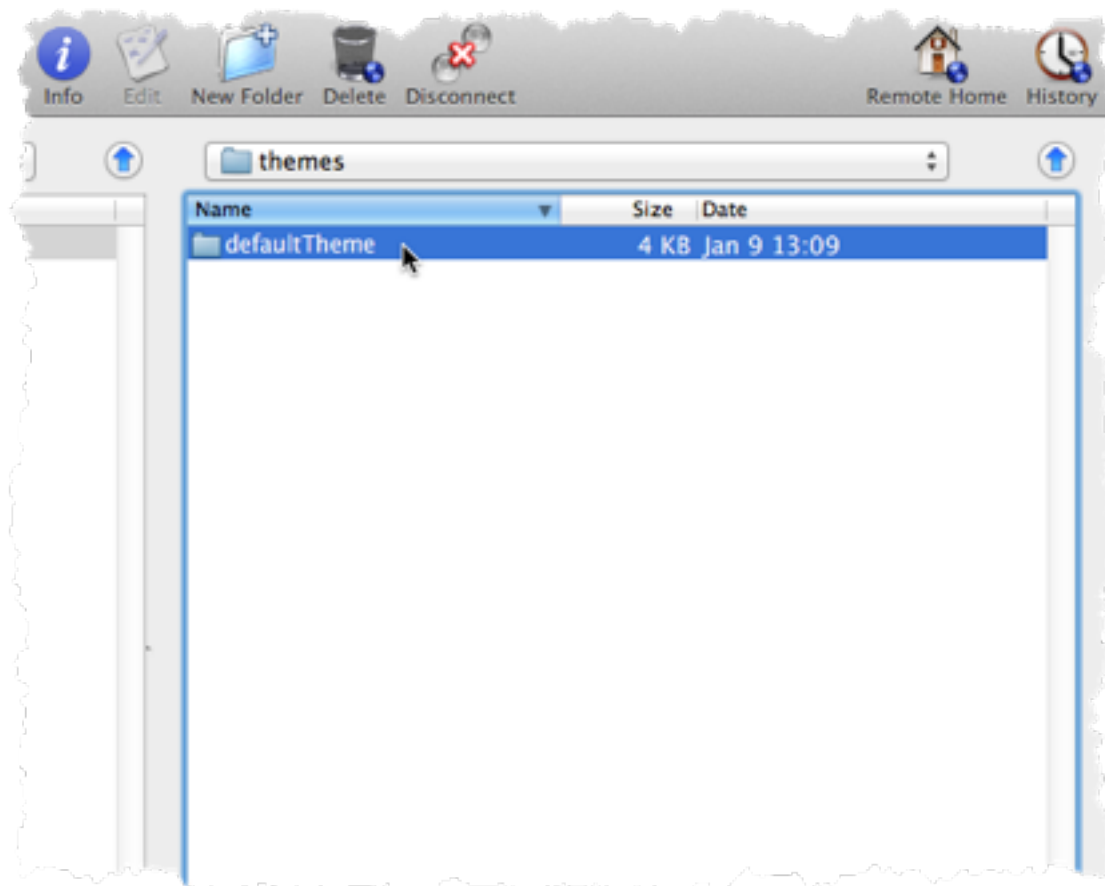


Create a folder called defaultTheme (mind the case)

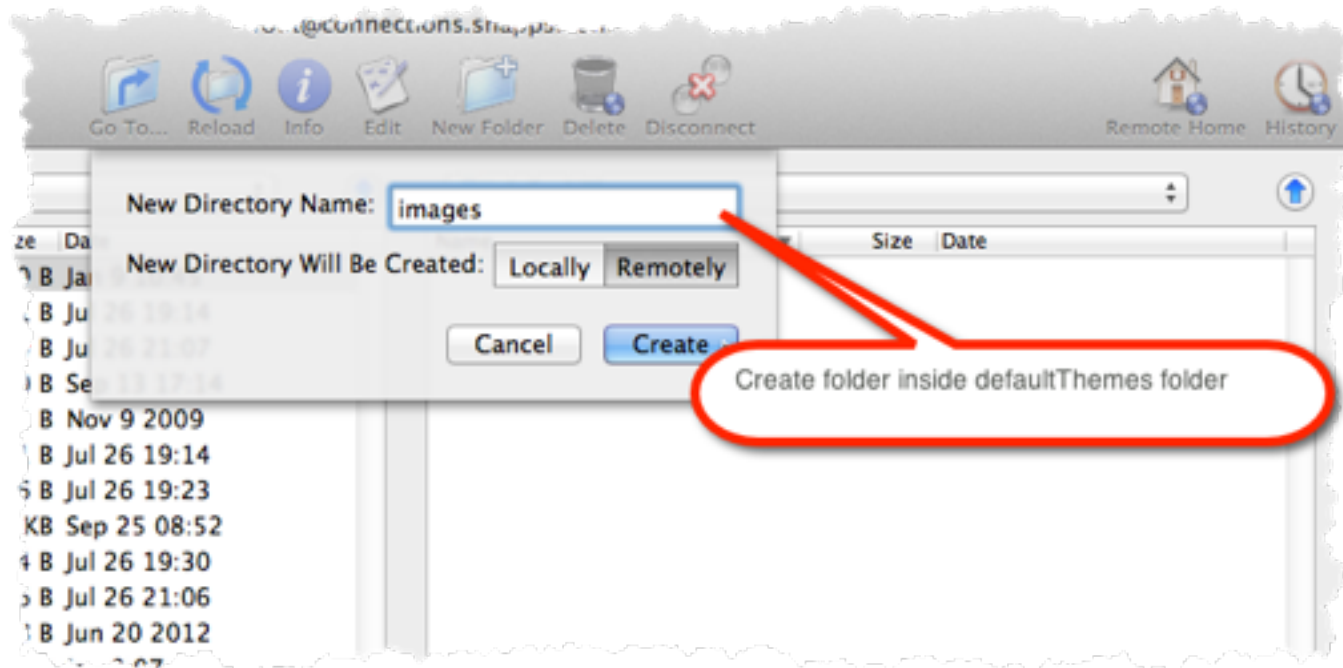
- Note that the name of the folder is important for our purposes



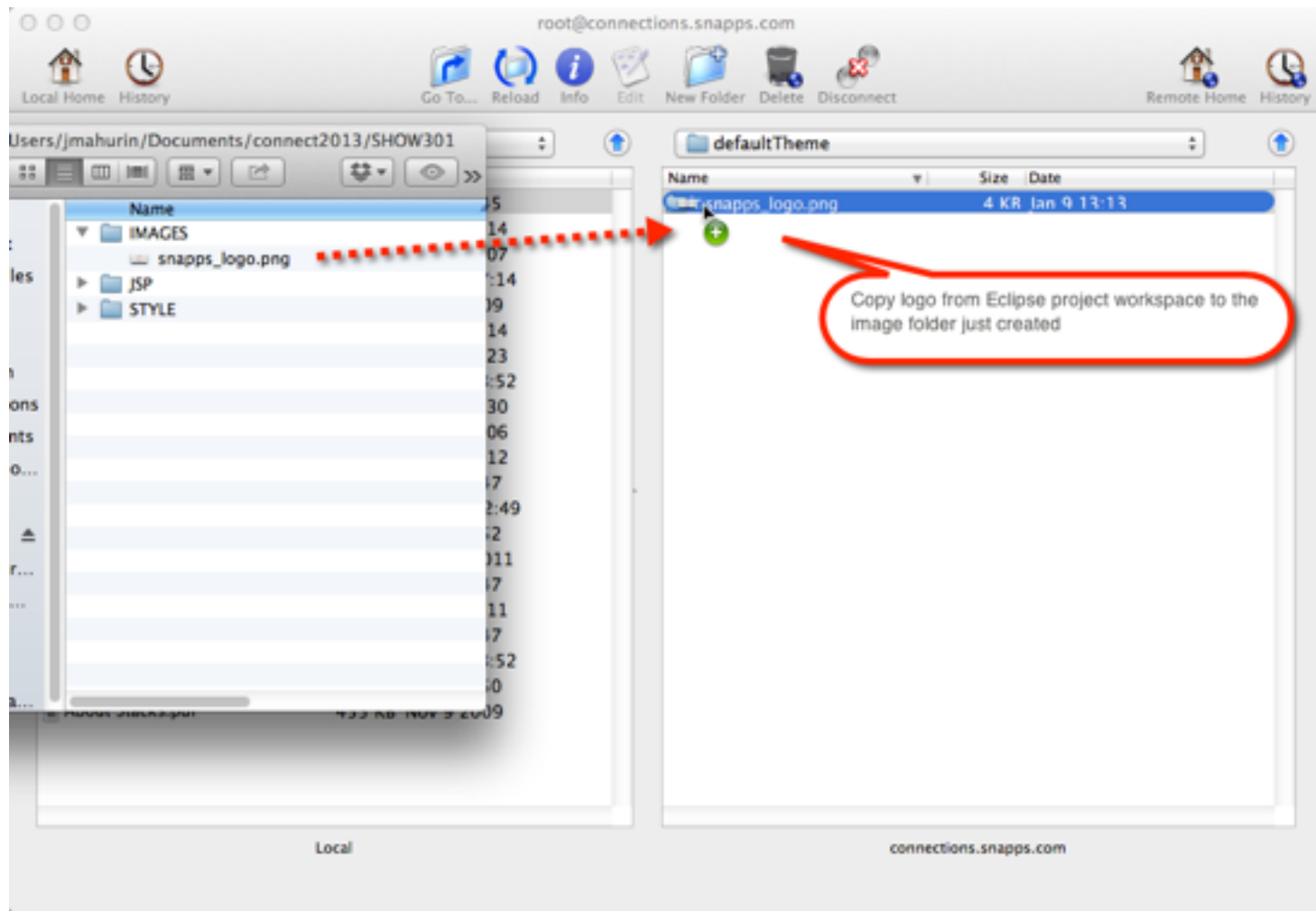
Here's where you will put your new custom CSS file



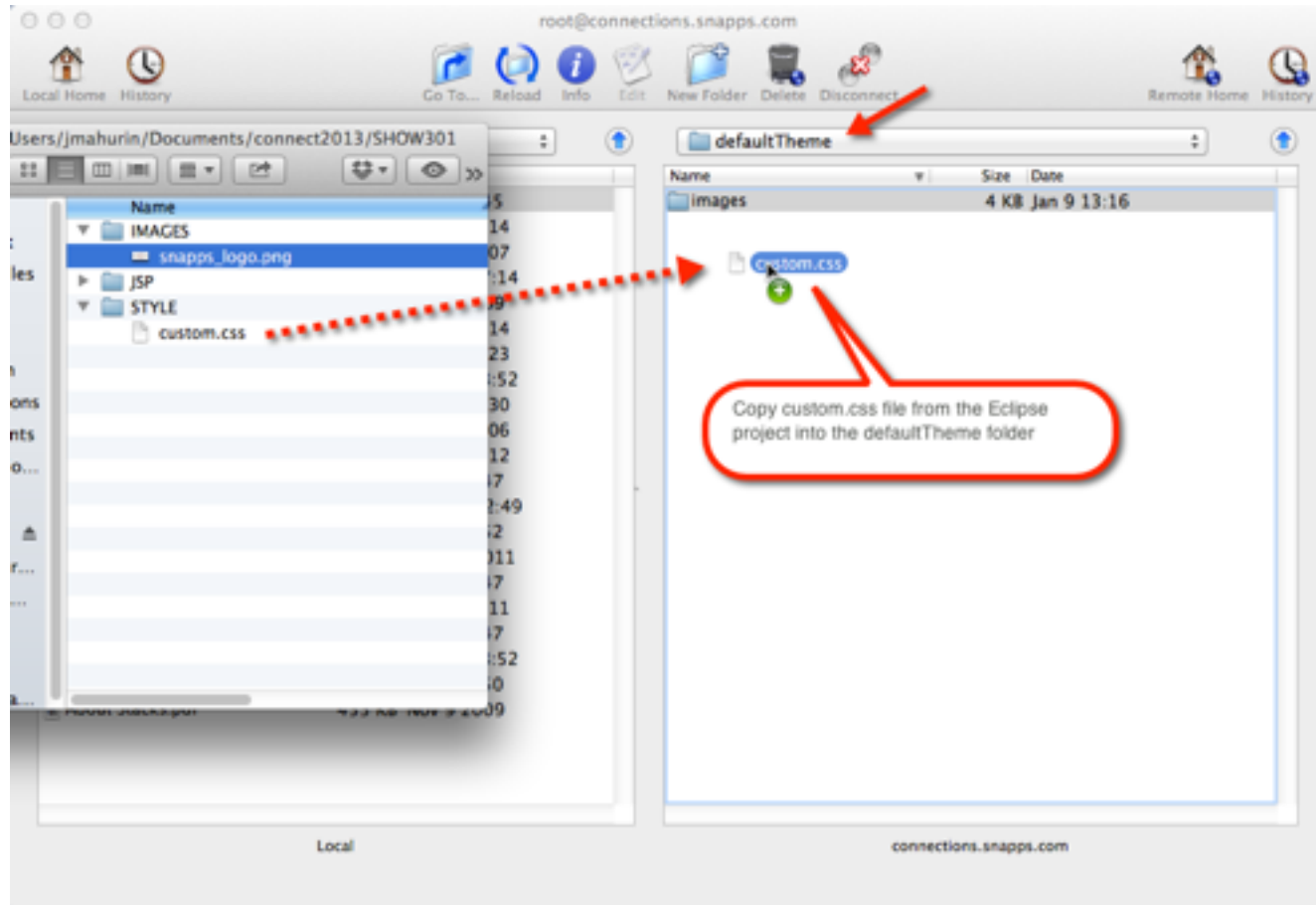
Create an images folder for the logo



Copy the logo graphic into the image folder



And finally copy the CSS file into the defaultTheme folder



Start and Stop the Common application in ISC

1 In the ISC console open Applications

2 Click on the WebSphere enterprise applications link

3 Check the application(s) to restart

4 Click the Stop and then the Start button

View: All tasks

- Welcome
- Guided Activities
- Servers
- Applications
 - New Application
 - Application Types
 - WebSphere enterprise applications
 - Business-level applications
 - Assets
- Services
- Resources
- Security
- Environment
- System administration
- Users and Groups
- Monitoring and Tuning
- Troubleshooting
- Service integration
- UDDI

Cell=con

Enterprise Applications

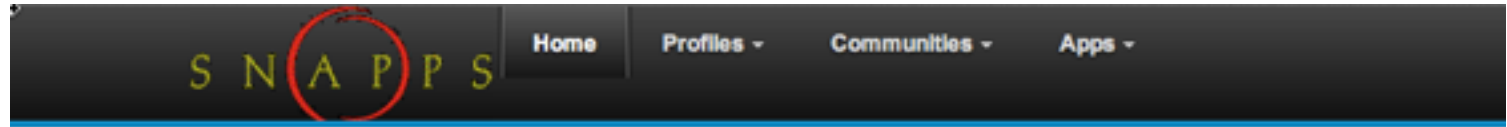
Use this page to manage installed applications. A single application can be deployed onto multiple servers.

Preferences

Start Stop Install Uninstall Update Rollout Update Remove File Export Export DDL Export File

Select	Name	Application Status
<input type="checkbox"/>	Activities	➔
<input type="checkbox"/>	Blogs	➔
<input checked="" type="checkbox"/>	Common	➔
<input type="checkbox"/>	Communities	➔
<input type="checkbox"/>	DefaultApplication	✖
<input type="checkbox"/>	Dogear	➔
<input type="checkbox"/>	Files	➔
<input type="checkbox"/>	Forums	➔
<input type="checkbox"/>	Help	➔

If all goes well you will have your own logo



Home

• Getting Started

- I'm Following
- Status Updates
- My Notifications
- Action Required
- Saved
- Discover

- My Page

Getting started with IBM Connections

Do not show this screen at start

1 WELCOME

Sorry, an error occurred

2 SHARE

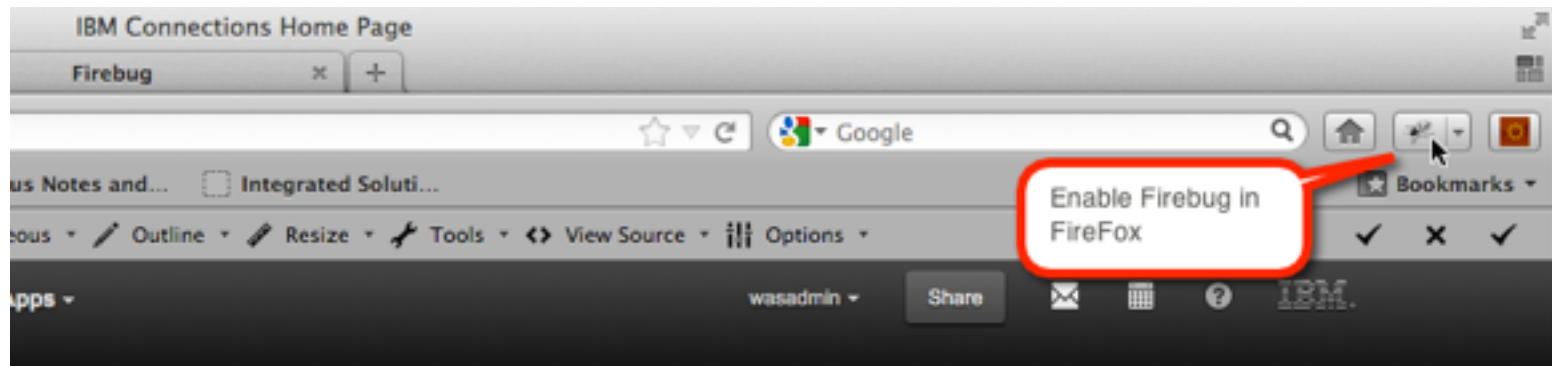
3 EXPLORE

Notes about Styles:

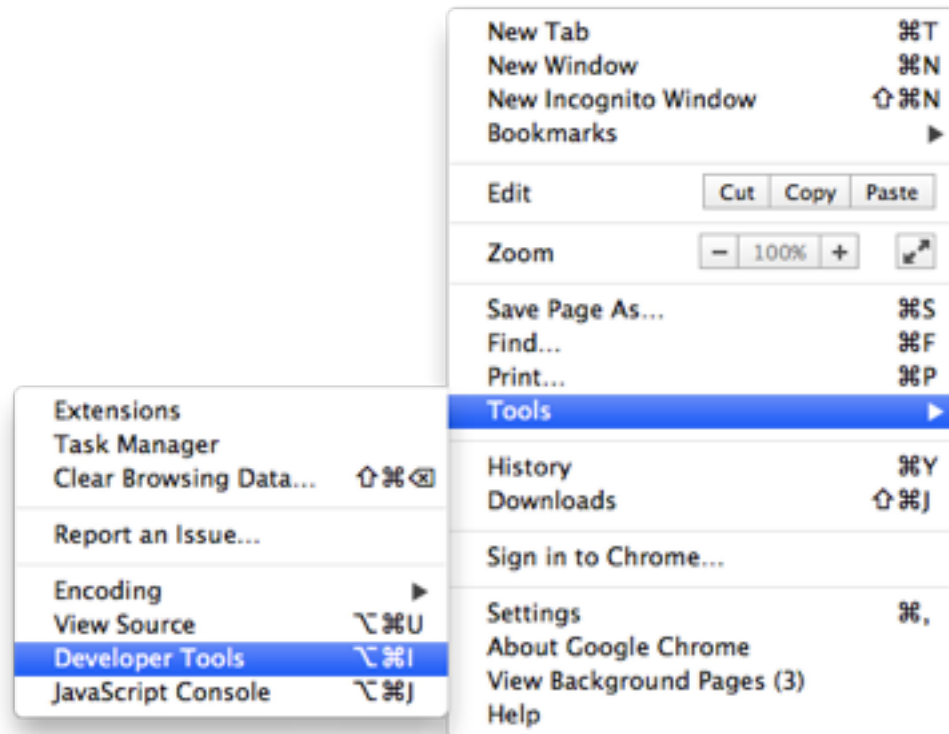
- **Use styles to make theme changes when possible**
- **There are two special css file names you can use:**
 - ◆ **custom.css**
 - ◆ **defaultTheme.css**
- **When you stop & start the application the themes are combined**
- **Which one you use depends on the level of changes you are making**
- **Use custom.css for minor changes**
- **Use defaultTheme.css for a major overhaul**

How to find out what styles you can change?

You must install and enable Firebug (or other developer tools)



Developer Tools in Chrome



What the inspect view looks like in Chrome developer tools

The screenshot shows a web browser window with the URL `connections.snapps.com/homepage/web/gettingStarted/`. The page content includes a navigation menu with 'Home', 'Profiles', 'Communities', and 'Apps'. The main content area is titled 'Getting started with IBM Connections' and features a '1 WELCOME' section with a '2 SHARE' button and a '3 EXPLORE' button. The developer tools are open, showing the HTML structure of the page. The 'lotusLogo' element is selected, and its CSS styles are visible on the right side of the developer tools. The styles include `background-image: url(/connections/-/img/X40img);`, `height: 60px;`, `width: 166px;`, and `float: left;`.

Find the element you want to change and inspect the style rules to make “live” changes

The screenshot shows a web browser's developer tools interface. At the top, the navigation bar includes 'S N A P P S', 'Home', 'Profiles', 'Communties', and 'Apps'. Below this, the browser's address bar and navigation buttons are visible. The developer tools are open, showing the DOM tree on the left and the CSS styles on the right. The DOM tree shows a hierarchy of elements, with the following structure:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/T...>
<html class="dj_gecko
dj_contentbox" lang="en" xml:lang="en" dir="ltr" xmlns="http://www.w3.org
/1999/xhtml">
  <head>
  <body class="lotusui lotusui30dojo lotusui30_body lotusui30_fonts lotusui30
lotusSprites0n">
  <div id="lotusFrame" class="lotusui30_layout lotusFrame">
    <div role="banner">
      <div id="lotusBanner" class="lotusBanner">
        <script type="text/javascript">
        <div class="lotusRightCorner">
      </div>
    <script type="text/javascript">
    <script type="text/javascript" language="Javascript">
    <script type="text/javascript">
    <div class="lotusTitleBar2">
```

The CSS styles on the right show the following rules:

```
.lotusui30 .lotusBanner {
  background: none repeat scroll 0 0 #008ABF;
  border-bottom: 1px solid #0075A3;
  padding: 0 0 2px;
  position: relative;
}
.lotusui30 .lotusBanner {
  overflow: hidden;
  padding: 5px 10px;
  text-align: left;
}
Inherited from body.lotusui
.lotusui30_body {
  color: #222222;
}
.lotusui30_fonts {
  font: 75%/1.5 Arial,Helvetica,sans-serif;
```

A red box highlights the text 'Find colors in element's rule' with two red arrows pointing to the color values in the CSS rules. A small blue square color swatch is also visible next to the border-bottom property.

Changing the border from blue to red for #lotusBanner

SNAPPS Home Profiles Communities Apps

Change color style live in FireBug or Web Developer

You can add styles with the style editor live to see results

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/T...>  
<html class="dj_gecko  
  dj_contentbox" lang="en" xml:lang="en" dir="l...  
/1999/xhtml">  
  <head>  
  <body class="lotusui lotusui30dojo lotus...  
    lotusSpritesOn">  
    <div id="lotusFrame" class="lotusui30_layout lotusFrame">  
      <div role="banner">  
        <div id="lotusBanner" class="lotusBanner">  
          <script type="text/javascript">  
          <div class="lotusRightCorner">  
          </div>  
          <script type="text/javascript">  
        </div>  
      </div>  
    </div>  
  </body>  
</html>
```

```
.lotusui30 .lotusBanner {  
  background: none repeat scroll 0 0 #008A8F;  
  border-bottom: 1px solid #FF0000;  
  padding: 0 0 2px;  
  position: relative;  
}  
.lotusui30 .lotusBanner {  
  overflow: hidden;  
  padding: 5px 10px;  
  text-align: left;  
}  
Inherited from body.lotusui  
.lotusui30_body {  
  color: #222222;  
}
```

The background color is by default blue, we like red (#ff0000)

The screenshot displays the browser's developer tools with the following content:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/T
<html class="dj_gecko
dj_contentbox" lang="en" xml:lang="en" dir="ltr" xmlns="http://www.w3.org
/1999/xhtml">
  <head>
  <body class="lotusui lotusui30dojo lotusui30_body lotusui30_fonts lotusui30
lotusSpritesOn">
    <div id="lotusFrame" class="lotusui30_layout lotusFrame">
      <div role="banner">
        <div id="lotusBanner" class="lotusBanner">
          <script type="text/javascript">
          <div class="lotusRightCorner">
          </div>
          <script type="text/javascript">
          <script type="text/javascript" language="Javascript">
          </script>
        </div>
      </div>
    </div>
  </body>
</html>
```

The CSS pane shows the following styles for `.lotusBanner`:

```
.lotusui30 .lotusBanner {
  background: none repeat scroll 0 0 #008080;
  border-bottom: 1px solid #FF0000;
  padding: 0 0 2px;
  position: relative;
}

.lotusui30 .lotusBanner {
  overflow: hidden;
  padding: 5px;
  text-align: left;
}

Inherited from body.lotusui

.lotusui30_body {
  color: #222222;
}
```

A red callout box with the text "Additional color styles in the" points to the `background: none repeat scroll 0 0 #008080;` line. A small blue square is also visible next to the callout.

Class lotusRightCorner creates a 1px blue line where we need to also change this to red

Remove the thin blue 1 pixel line in header

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html class="dj_gecko dj_contentbox" lang="en" xml:lang="en" dir="ltr" xmlns="http://www.w3.org/1999/xhtml">
  <head>
  <body class="lotusui lotusui30dojo lotusui30_body lotusui30_fonts lotusui30 lotusSprites0n">
    <div id="lotusFrame" class="lotusui30_layout lotusFrame">
      <div role="banner">
        <div id="lotusBanner" class="lotusBanner">
          <script type="text/javascript">
          <div class="lotusRightCorner">
          </div>
          <script type="text/javascript">
          <script type="text/javascript" language="Javascript">

```

```
.lotusui30 div.lotusBanner .lotusRightCorner {
  border-top: medium none;
}
.lotusui30 div.lotusBanner .lotusRightCorner {
  border-top: medium none;
}
.lotusui30 .lotusBanner .lotusRightCorner {
  background: -moz-linear-gradient(center top , #474747 49%, #474747 49%, #474747 51%, #474747 51%, #474747 53%, #474747 53%, #474747 55%, #474747 55%, #474747 57%, #474747 57%, #474747 59%, #474747 59%, #474747 61%, #474747 61%, #474747 63%, #474747 63%, #474747 65%, #474747 65%, #474747 67%, #474747 67%, #474747 69%, #474747 69%, #474747 71%, #474747 71%, #474747 73%, #474747 73%, #474747 75%, #474747 75%, #474747 77%, #474747 77%, #474747 79%, #474747 79%, #474747 81%, #474747 81%, #474747 83%, #474747 83%, #474747 85%, #474747 85%, #474747 87%, #474747 87%, #474747 89%, #474747 89%, #474747 91%, #474747 91%, #474747 93%, #474747 93%, #474747 95%, #474747 95%, #474747 97%, #474747 97%, #474747 99%, #474747 99%);
  border-bottom: 1px solid #A96C6;
  border-top: 1px solid #3A3A3A;
  overflow: hidden;
}
Inherited from div#lotusBanner.lotusBanner
.lotusui30 .lotusBanner {
  text-align: left;
}
```


Now all blue elements are out of the header

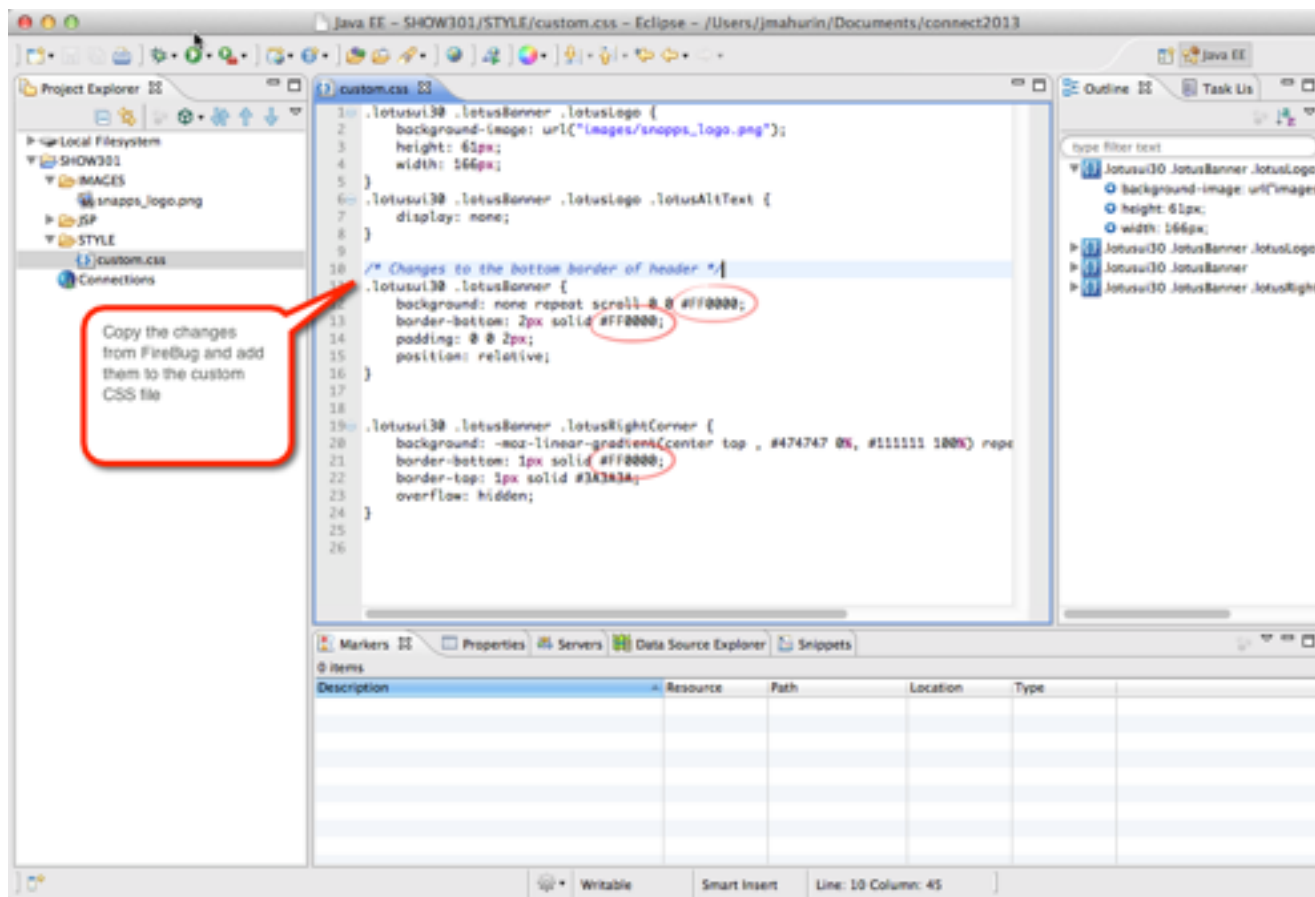
The screenshot shows a web browser with the developer tools open. The top navigation bar includes "S N A P P S" and "Home", "Profiles", "Communities", and "Apps". The developer tools are in "HTML" view, showing the DOM tree. The selected element is `<div class="lotusRightCorner">`, which is highlighted in blue. The style pane on the right shows the following CSS rules:

```
.lotusui30 div.lotusBanner .lotusRightCorner {  
  border-top: medium none;  
}  
.lotusui30 div.lotusBanner .lotusRightCorner {  
  border-top: medium none;  
}  
.lotusui30 .lotusBanner .lotusRightCorner {  
  background: -moz-linear-gradient(center top  
  border-bottom: 1px solid #FF0000  
  border-top: 1px solid #A3A3A;  
  overflow: hidden;  
}  
Inherited from div#lotusBanner .lotusBanner  
.lotusui30 .lotusBanner {  
  text-align: left;  
}  
Inherited from body .lotusui
```

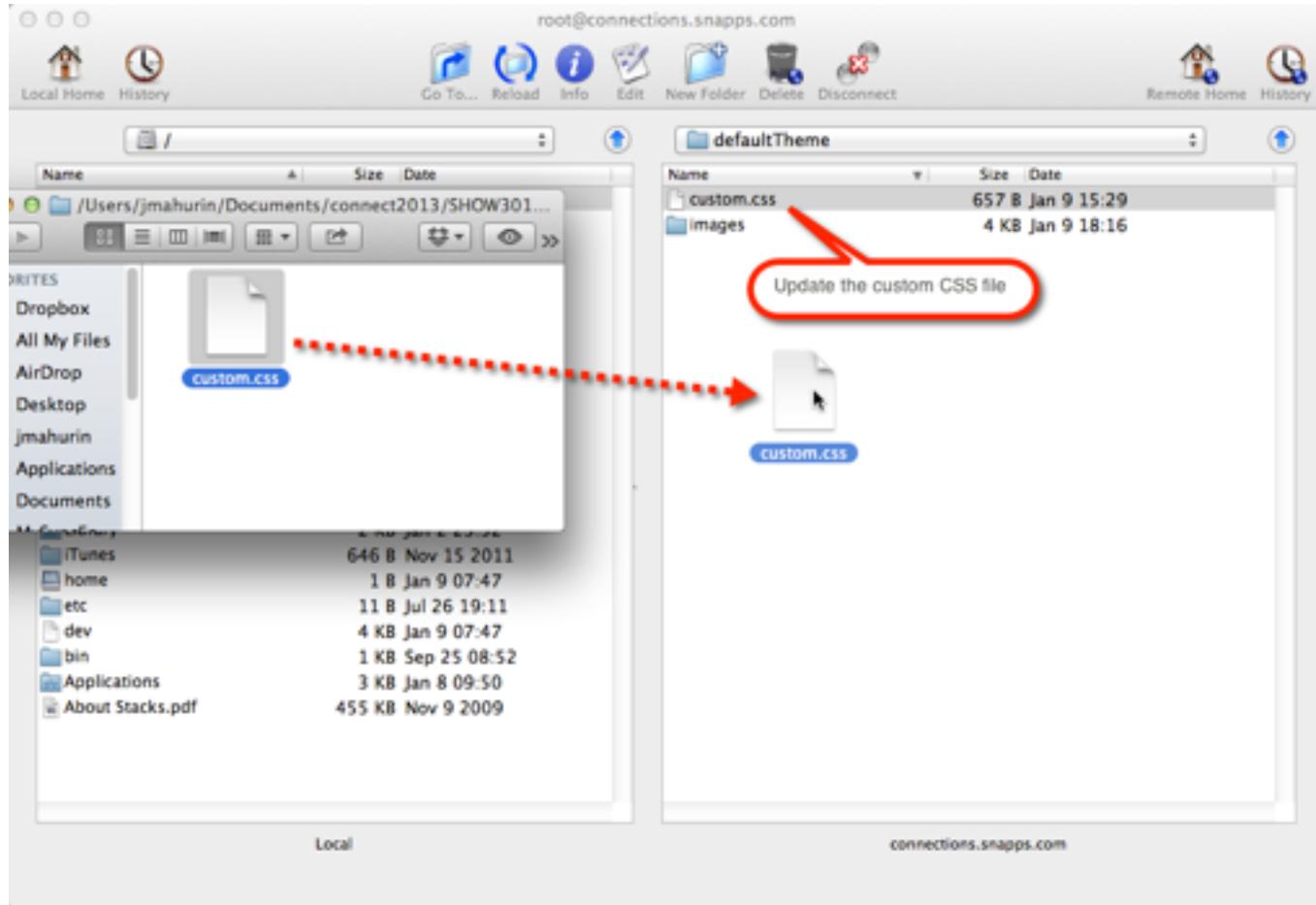
A red arrow points from the blue highlight in the HTML pane to the `border-bottom: 1px solid #FF0000;` rule in the style pane.

Copy and paste the live changes to the custom.css file

- Live Firebug / Dev Tools changes are one of the most powerful time saving techniques!



Replace the old file with the new updates



You guessed it! Stop and start the Common application

1 In the ISC console open Applications

2 Click on the WebSphere enterprise applications link

3 Check the application(s) to restart

4 Click the Stop and then the Start button

Cell=con

Enterprise Applications

Enterprise Applications

Use this page to manage installed applications. A single application can be deployed onto multiple servers.

Preferences

Start Stop Install Uninstall Update Rollout Update Remove File Export Export DOL Export File

Select	Name	Application Status
You can administer the following resources:		
<input type="checkbox"/>	Activities	→
<input type="checkbox"/>	Blogs	→
<input checked="" type="checkbox"/>	Common	→
<input type="checkbox"/>	Communities	→
<input type="checkbox"/>	DefaultApplication	✖
<input type="checkbox"/>	Dogear	→
<input type="checkbox"/>	Files	→
<input type="checkbox"/>	Forums	→
<input type="checkbox"/>	Help	→

Delete browser cache and refresh to see the changes

The screenshot shows the SNAPPS website interface. At the top, the logo 'SNAPPS' is displayed in yellow and green letters, with the letter 'A' circled in red. To the right of the logo are navigation links: 'Home', 'Profiles', 'Communities', and 'Apps'. Below the navigation bar, the 'Home' section is visible, featuring a blue house icon and the word 'Home'. A red callout box points to a message that reads: 'After deleting browser cache refresh the browser'. To the right of this message, the text 'BM Connections' is partially visible. Below the message, there is a list of navigation options: 'I'm Following', 'Status Updates', 'My Notifications', 'Action Required', 'Saved', 'Discover', and 'My Page'. On the right side of the page, there is a '1 WELCOME' section with the text 'Sorry, an error occurred'. Below this, there are two buttons: '2 SHARE' and '3 EXPLORE'.

Customize the Login Page

- The login page is a JSP
- You can find it in the same directory as header and footer
- I got mine from `../Files.ear/files.web.war/nav/templates/`
- Copy the `login.jsp` file to your IDE
- Make changes but beware of areas not to change in the comments

What I'll Cover ...

- Tools of the Connections trade
- Knowing where to find things
- Customizing JSP's
- Using styles for branding
- Customizing the Login page
- Removing Community Themes
- Wrap-up

You Gussed It: Start & Stop the Application in ICS

Enterprise Applications

Use this page to manage installed applications. A single application can be deployed onto multiple servers.

Preferences

Start Stop Install Uninstall Update Rollout Update Remove File Export Export DDL Export File



Select Name Application Status

You can administer the following resources:

<input type="checkbox"/>	Activities	➡
<input type="checkbox"/>	Blogs	➡
<input checked="" type="checkbox"/>	Common	➡
<input type="checkbox"/>	Communities	➡
<input type="checkbox"/>	DefaultApplication	✖
<input type="checkbox"/>	Dodgegear	➡
<input type="checkbox"/>	Files	➡
<input type="checkbox"/>	Forums	➡
<input type="checkbox"/>	Help	➡

Branded Theme

What is IBM Connections?

Find out more at ibm.com

Have a question?

Try the [IBM Connections product documentation](#)



User name:

Password:

The SNAPPS™ Login page is specifically designed for SNAPPS employees and customers to access protected resources on the SNAPPS website.

Limiting Community Themes

- **You may want to keep a consistent theme in your communities**
- **Reduce the number of choices for users**

What I'll Cover ...

- Tools of the Connections trade
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- Customizing the Login page
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- Wrap-up

So Many Choices

Upload a Community Image

Select one of the themes below to change your page design.

Default



Red



Green



Coffee



Silver



Blue



Pink



Onyx



Purple



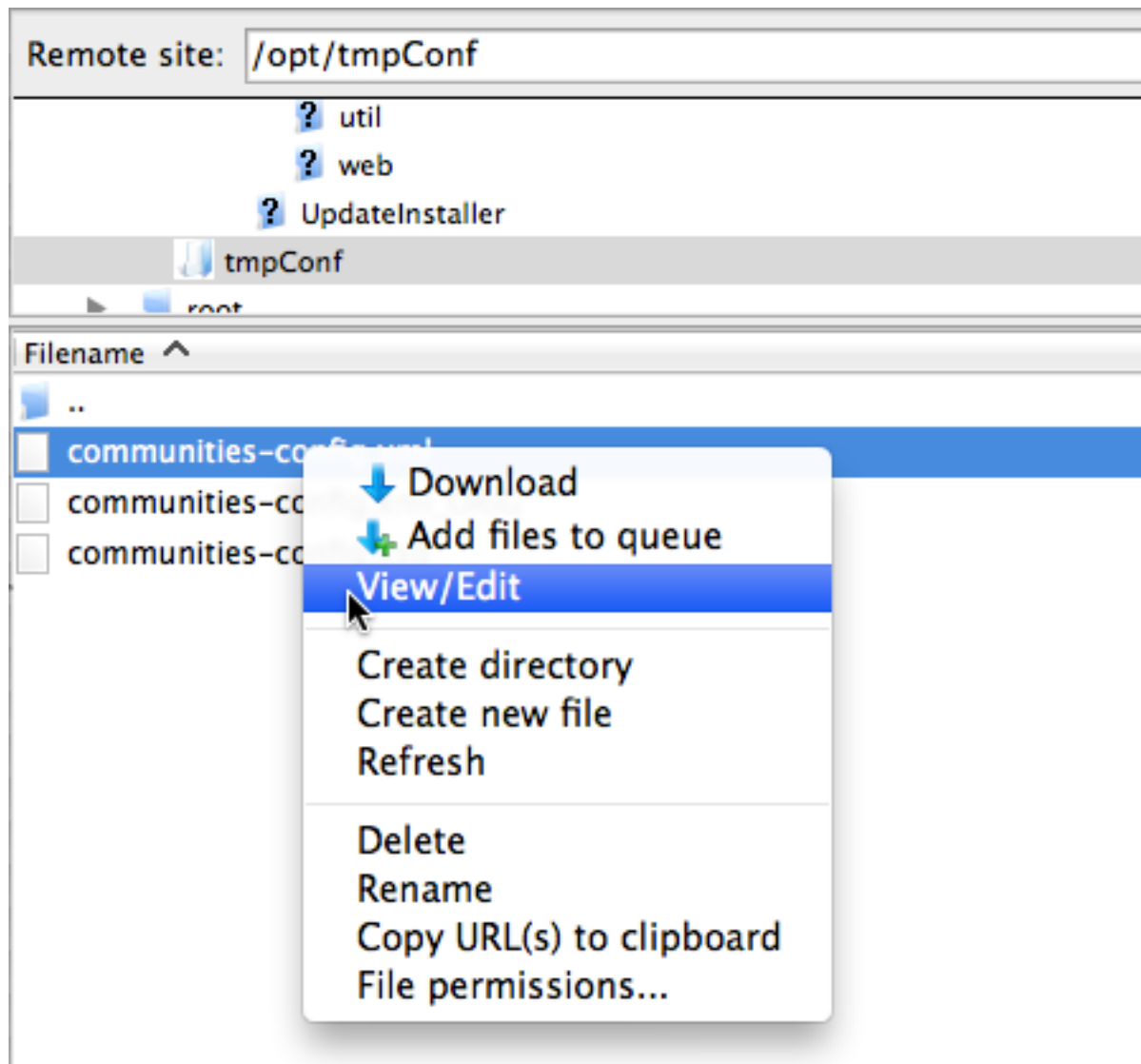
Orange



How to Edit the communities-config.xml file

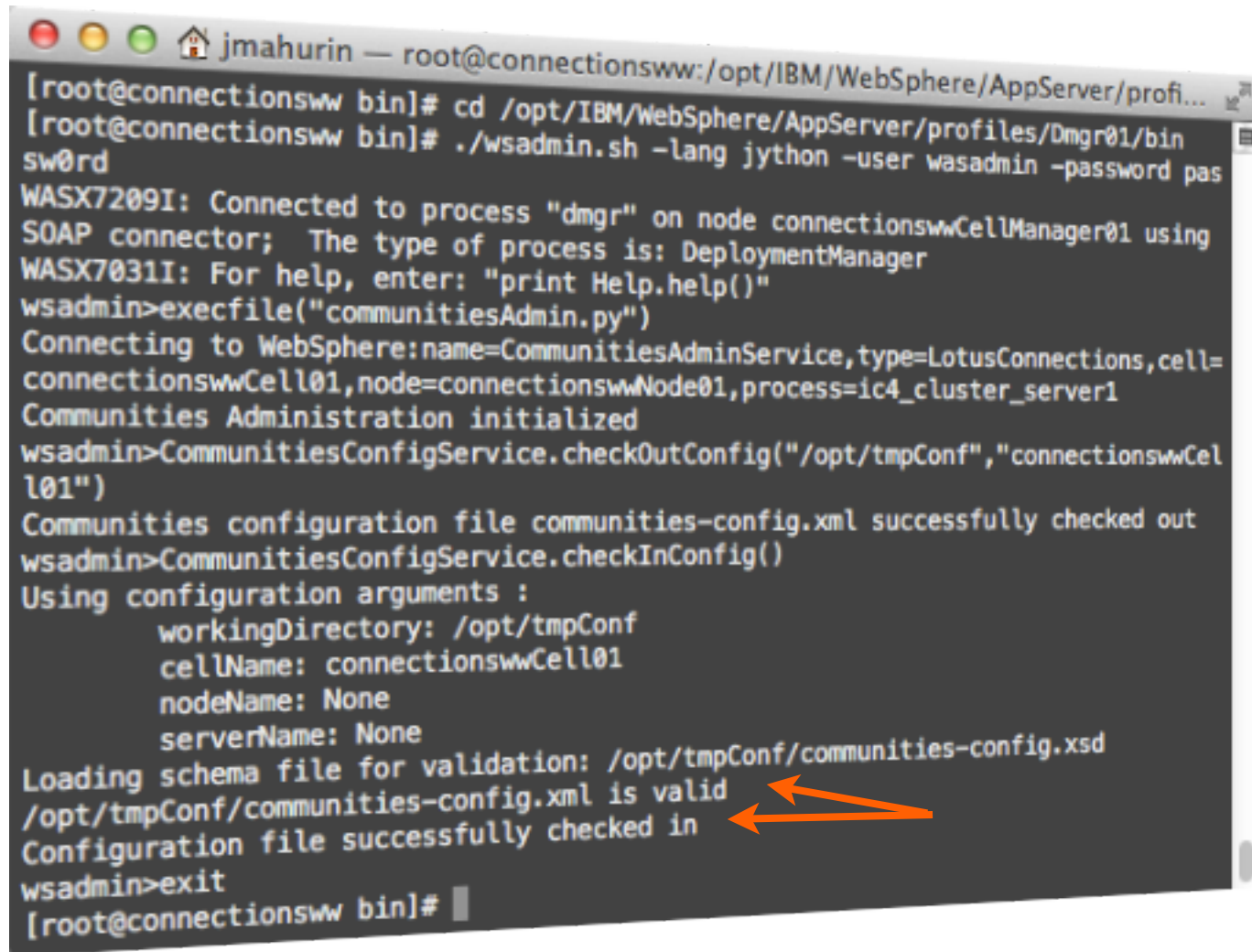
- **Check in/out the configuration file the proper way with Deployment Manager**
- **Use OS commands in terminal**
- **You must be in the correct directory**
- **To check out:**
 - ♦ **cd /opt/IBM/WebSphere/AppServer/profiles/Dmgr01/bin**
 - ♦ **./wsadmin.sh -lang jython -user wasadmin -password passw0rd**
 - ♦ **execfile("communitiesAdmin.py")**
 - ♦ **CommunitiesConfigService.checkOutConfig("/opt/tmpConf","connectionswwCell01")**

Edit the configuration file



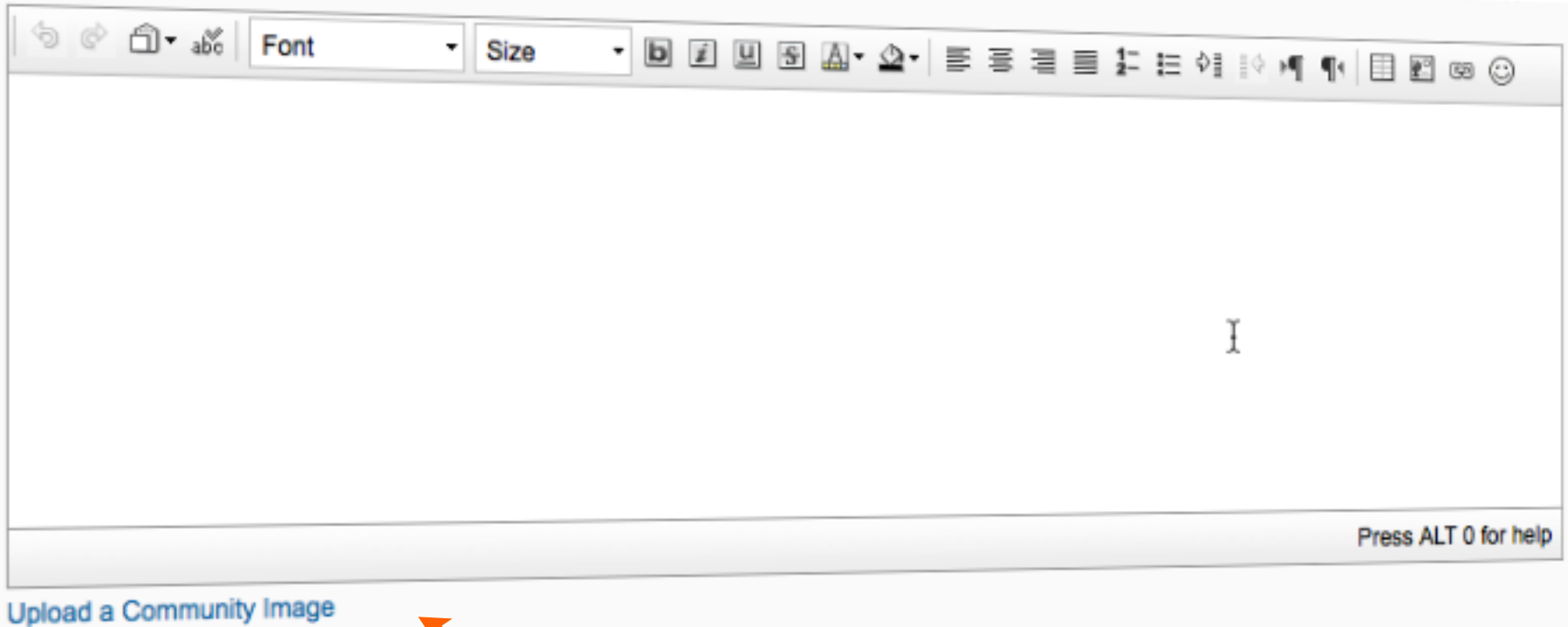
Check the file back in

- To see changes restart Connections



```
jmahurin — root@connectionsww:/opt/IBM/WebSphere/AppServer/profi...
[root@connectionsww bin]# cd /opt/IBM/WebSphere/AppServer/profiles/Dmgr01/bin
[root@connectionsww bin]# ./wsadmin.sh -lang jython -user wasadmin -password pas
sword
WASX7209I: Connected to process "dmgr" on node connectionswwCellManager01 using
SOAP connector; The type of process is: DeploymentManager
WASX7031I: For help, enter: "print Help.help()"
wsadmin>execfile("communitiesAdmin.py")
Connecting to WebSphere:name=CommunitiesAdminService,type=LotusConnections,cell=
connectionswwCell01,node=connectionswwNode01,process=ic4_cluster_server1
Communities Administration initialized
wsadmin>CommunitiesConfigService.checkOutConfig("/opt/tmpConf","connectionswwCel
l01")
Communities configuration file communities-config.xml successfully checked out
wsadmin>CommunitiesConfigService.checkInConfig()
Using configuration arguments :
    workingDirectory: /opt/tmpConf
    cellName: connectionswwCell01
    nodeName: None
    serverName: None
Loading schema file for validation: /opt/tmpConf/communities-config.xsd
/opt/tmpConf/communities-config.xml is valid
Configuration file successfully checked in
wsadmin>exit
[root@connectionsww bin]#
```

Theme choices are gone



Wrap-up

- Tools of the Connections trade
- Knowing where to find things
- Customizing JSP's
- Using styles for branding
- **Wrap-up**