Java Cloud Service Demo Setup Guide: Clone git repository

Description

For Use By	Oracle Sales / Pre-Sales, Consulting, Product Managers, Solution Managers, etc.
Internal/External Consumption	Internal

Target Audience	• Customer / Partner
	    o Architects,
	    o Development Leads

Demo Duration (Approximate)	Approximately 10 minutes.
Background Knowledge Required/Suggested	• Git
Related Materials	• Git GUI Client

Git Overview

Weblogic Server supports a feature called side-by-side deployment (or versioned deployment). This function is extremely useful when you need to deploy a new version of an application and still keep the old one up and running. So the running instances will still use the current version and all new instances will be able to invoke the new deployed version of the application.

As soon as all the sessions that are using the old version of the application are expired, Weblogic will recognize it and will deactivate the old version. So at this moment only the new deployed version is active and all new sessions will make us of it.

This is often referred to as Production Redeployment too.

Requirements / Prerequisites

- Windows or Linux operating system
- Computer with 2 GB RAM
- Git

Tips

- Use your favorite Git GUI client.

Git setup & clone

1. Install [Git console client](#).
2. Create directories where to you can clone the WInS remote repository. Open a console in this directory.
3. If your computer is behind the company proxy you have to configure for git.
   a. Get status of git's proxy settings:
      ```
      git config --global --get http.proxy
      ```
   b. Set proxy for git:
      ```
      git config --global http.proxy http://proxy.company.com:80
      ```

    c.   Unset proxy for git:
```
git config --global --unset http.proxy
```
4.   Clone the WInS repository hosted on github:
```
git clone https://github.com/oracle-weblogic/weblogic-innovation-seminars.git wins_content
```

```
c:\Java\git.repos>
c:\Java\git.repos>git clone https://github.com/oracle-weblogic/weblogic-innovation-seminars.git --branch wins-v6 wins_content
Cloning into 'wins_content'...
remote: Counting objects: 5384, done.
remote: Total 5384 (delta 0), reused 0 (delta 0), pack-reused 5384
Receiving objects: 100% (5384/5384), 34.00 MiB | 1.17 MiB/s, done.
Resolving deltas: 100% (2239/2239), done.
Checking connectivity... done.

c:\Java\git.repos>cd wins_content

c:\Java\git.repos\wins_content>dir
 Volume in drive C is System
 Volume Serial Number is E4A4-1767

 Directory of c:\Java\git.repos\wins_content

2015.11.06.  16:00    <DIR>          .
2015.11.06.  16:00    <DIR>          ..
2015.11.06.  16:00                99 .gitignore
2015.11.06.  16:00            19 308 cddl-1.0.txt
2015.11.06.  16:00    <DIR>          cloud.demos
2015.11.06.  16:00    <DIR>          Coherence_Demos
2015.11.06.  16:00            18 429 gpl-2.0.txt
2015.11.06.  16:00               173 LICENSE.txt
2015.11.06.  16:00    <DIR>          maven-examples
2015.11.06.  16:00               199 README.md
2015.11.06.  16:00               173 README.txt
2015.11.06.  16:00    <DIR>          WInS_Demos
2015.11.06.  16:00    <DIR>          WInS_Labs
               6 File(s)         38 381 bytes
               7 Dir(s)  18 191 626 240 bytes free

c:\Java\git.repos\wins_content>_
```

wins_content in this case will be the directory name where the source will be cloned.
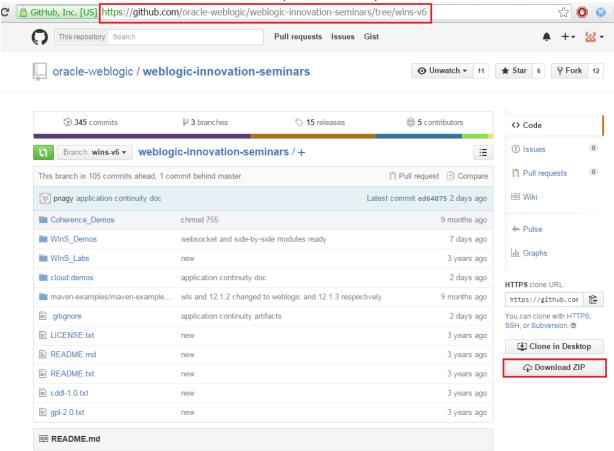
Download remote repository

Another option can be to get sources without any git client to download.
1)   Open a browser and copy the following url:
https://github.com/oracle-weblogic/weblogic-innovation-seminars/tree/wins-v6

2) Click on Download ZIP button and save the compressed file on your local machine.

3) Uncompress to a folder and start to use. In this case the local source is not under git control. If you need to restore at any time simply delete the previously created directory and download and uncompress the remote repository again.
Note: in this case the update is always a delete-download-unzip process.

Wrap up / Overview

Git documentation: https://git-scm.com/doc