

Install Package from Private Git Repository on Cloud based Plone Development Box

This drill should ideally be performed in front of an audience (online or in person).

Target Time:

10 minutes

Level:

Suitable for beginners

Similar Drills:

Create new dexterity package and add to private repository;

Variations:

- Experts may choose to perform the first movement without the help of the Nitrous.io, cloud based approach or from scratch without the unified installer.
- You may use github or your own git repository instead of one from bitbucket

Purpose:

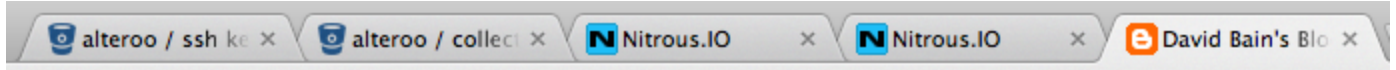
For developers to become fluent with adding new private development packages to buildout. This is for package development not distribution or deployment.

Themes:

Shared Keys, Text Editor, Development, Cloud, Plone, Package Development, Unified Installer, Git, Buildout

Performance Notes

Open a separate browser window and add tabs for Nitrous.io IDE, Nitrous.io boxes Bitbucket Account, Bitbucket repo(or other git repo), Any useful references



Introduction

Announce:

This drill is called:

Install Package from a Private Git Repository on a Cloud based Plone Development Box

The purpose is:

For developers to become fluent with adding new private development packages to a buildout.

The movements are:

Install

Clone package

Build

Launch Plone

Activate Package

Movements

Movement 1: Install

References: <http://blog.dbain.com/2013/07/plone-quickstart-on-cloud-in-less-than.html>

Install Plone

Launch a box at Nitrous.io and execute the following command

```
curl -L http://goo.gl/kr6n5J | bash
```

continue to next steps while installation proceeds

Install Public Key

Identify the Nitrous.io box public key and install in your bitbucket account.

Movement 2: Clone package repository into src directory

Go to Repository Overview > Clone (copy clone code)

```
cd ~/workspace/zeocluster/src  
git clone {package repository}
```

Movement 3: Register package in develop.cfg file

```
cd ~/workspace/zeocluster  
vi develop.cfg
```

Add package to [sources] using the form:

```
package.name = fs package.name
```

Add package to eggs +=

```
eggs +=  
...  
package.name
```

Movement 4: Build

If build from one is complete run the following command

```
bin/buildout -c develop.cfg
```

Movement 5: Launch Plone

```
plone-start.sh
```

Have the admin password ready. Get it from `~/workspace/zeocluster/adminPassword.txt`

When Zope is Ready, view the Plone site on port 8080 by visiting "Preview" > "Port 8080"



Plone is up and running.

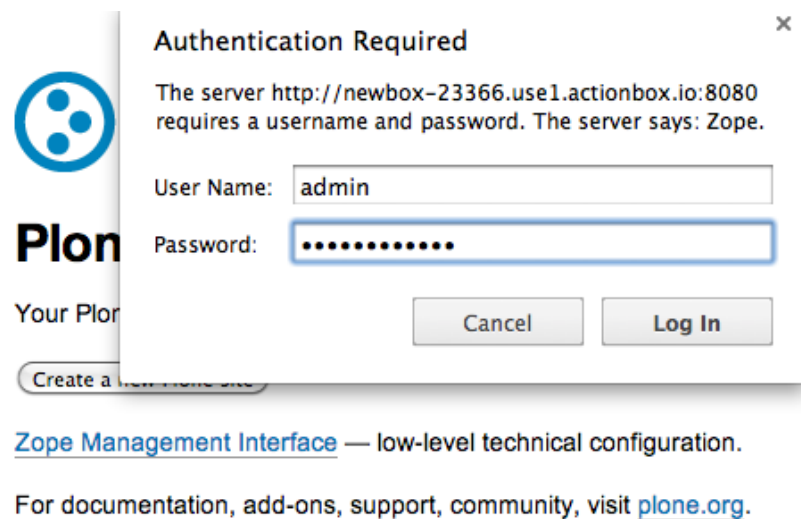
Your Plone site has not been added yet:

[Create a new Plone site](#)

[Zope Management Interface](#) — low-level technical configuration.

For documentation, add-ons, support, community, visit plone.org.

Click "Create a Plone Site" and enter your admin password when prompted



Movement 6: Activate Package

Visit **Site Setup** > **Add-ons**. Install the new add-on.