ccdServices

Ubuntu – operating system

VirtualBox – Virtual desktop

# Django

python manage.py makemigrations

python manage.py migrate

python manage.py runsever

**Files Changed because of SDK**

tethysapp\_time controller

wps tester controller

# Starting Tethys Sever

. /usr/lib/tethys/bin/activate

tethys manage start

Ctrl c stops tethys server

Use this to install apps as developer- python setup.py develop

tethys docker init

tethys docker ip

#server <- gsub("!", "=", url)

#server <- gsub("~", "&", server)

**sudo** docker run -d -p 8383:8080 --name n52wps\_r ciwater/n52wps\_r

**sudo** docker run -d -p 8282:8080 --name n52wps\_r ciwater/n52wps\_r

docker stop {id of your container}

docker rm {id of your container}

localhost:8282/wps/R/scripts/convert-time-series.R

http://appsdev.hydroshare.org:8282/wps/

updating appsdev

ssh [mbayles2@appsdev.hydroshare.org](mailto:mbayles2@appsdev.hydroshare.org)

password: gzQ+RGg=0@h%

cd /var/www/tethys/apps/

sudo git pull

sudo su

. /usr/lib/tethys/bin/activate

python setup.py install

tethys manage collectstatic

5 not nesscessary

7

sudo chown -R apache:apache /usr/lib/tethys/src /var/www/tethys/static /var/www/.tethyscluster

13.

sudo service httpd restart

tethys docker -c postgis restart

tethys syncstores -h

tethys syncstores -r ts\_converter

http://localhost:8000/apps/timeseries-viewer/?src=cuahsi&res\_id=cuahsi-wdc-2016-02-17-68949184,cuahsi-wdc-2016-02-17-68949184,cuahsi-wdc-2016-02-17-68949184,cuahsi-wdc-2016-02-17-68949184,cuahsi-wdc-2016-02-17-68949184,cuahsi-wdc-2016-02-17-68949184,cuahsi-wdc-2016-02-17-68949184,cuahsi-wdc-2016-02-17-68949184,cuahsi-wdc-2016-02-17-68949184,cuahsi-wdc-2016-02-17-68949184

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>  
<wps:Execute service="WPS" version="1.0.0"  
  xmlns:wps="http://www.opengis.net/wps/1.0.0" xmlns:ows="http://www.opengis.net/ows/1.1"  
  xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
  xsi:schemaLocation="http://www.opengis.net/wps/1.0.0  
  http://schemas.opengis.net/wps/1.0.0/wpsExecute\_request.xsd">  
  <ows:Identifier>org.n52.wps.server.r.timeSeriesConverter</ows:Identifier>  
  <wps:DataInputs>  
    <wps:Input>  
      <ows:Identifier>url</ows:Identifier>  
      <wps:Data>  
        <wps:LiteralData>Hello world!</wps:LiteralData>  
      </wps:Data>  
    </wps:Input>  
    <wps:Input>  
      <ows:Identifier>interval</ows:Identifier>  
      <wps:Data>  
        <wps:LiteralData>Hello world!</wps:LiteralData>  
      </wps:Data>  
    </wps:Input>  
    <wps:Input>  
      <ows:Identifier>stat</ows:Identifier>  
      <wps:Data>  
        <wps:LiteralData>Hello world!</wps:LiteralData>  
      </wps:Data>  
    </wps:Input>  
  </wps:DataInputs>  
  <wps:ResponseForm>  
    <wps:ResponseDocument storeExecuteResponse="false">  
      <wps:Output asReference="false">  
        <ows:Identifier>output</ows:Identifier>  
      </wps:Output>  
    </wps:ResponseDocument>  
  </wps:ResponseForm>  
</wps:Execute>

# Common Commands

|  |  |
| --- | --- |
| **Command** | **Description** |
| cat [filename] | Display file’s contents to the standard output device (usually your monitor). |
| cd /directorypath | Change to directory. |
| chmod [options] mode filename | Change a file’s permissions. |
| chown [options] filename | Change who owns a file. |
| clear | Clear a command line screen/window for a fresh start. |
| cp [options] source destination | Copy files and directories. |
| date [options] | Display or set the system date and time. |
| df [options] | Display used and available disk space. |
| du [options] | Show how much space each file takes up. |
| file [options] filename | Determine what type of data is within a file. |
| find [pathname] [expression] | Search for files matching a provided pattern. |
| grep [options] pattern [filesname] | Search files or output for a particular pattern. |
| kill [options] pid | Stop a process. If the process refuses to stop, usekill -9 pid. |
| less [options] [filename] | View the contents of a file one page at a time. |
| ln [options] source [destination] | Create a shortcut. |
| locate filename | Search a copy of your filesystem for the specified filename. |
| lpr [options] | Send a print job. |
| ls [options] | List directory contents. |
| man [command] | Display the help information for the specified command. |
| mkdir [options] directory | Create a new directory. |
| mv [options] source destination | Rename or move file(s) or directories. |
| passwd [name [password]] | Change the password or allow (for the system administrator) to change any password. |
| ps [options] | Display a snapshot of the currently running processes. |
| pwd | Display the pathname for the current directory. |
| rm [options] directory | Remove (delete) file(s) and/or directories. |
| rmdir [options] directory | Delete empty directories. |
| ssh [options] user@machine | Remotely log in to another Linux machine, over the network. Leave an ssh session by typing **exit**. |
| su [options] [user [arguments]] | Switch to another user account. |
| tail [options] [filename] | Display the last *n* lines of a file (the default is 10). |
| tar [options] filename | Store and extract files from a tarfile (.tar) or tarball (.tar.gz or .tgz). |
| top | Displays the resources being used on your system. Press q to exit. |
| touch filename | Create an empty file with the specified name. |
| who [options] | Display who is logged on. |

if request.method == 'POST' and 'res\_id' in request.POST and 'filename' in request.POST:

#print request.POST

filename = request.POST['filename']

res\_id= request.POST['res\_id']

branch= request.POST['branch']

url\_wml= url\_base.format(branch,res\_id,filename)

elif request.method == 'GET' and 'res\_id' in request.GET and 'filename' in request.GET:

#print request.GET

filename = request.GET['filename']

res\_id = request.GET['res\_id']

branch= request.GET['branch']

url\_wml= url\_base.format(branch,res\_id,filename