

Introduction

This utility helps in following automated creation of weblogic resources for FCUBS:

- Manage Server
- File Store
- JMS Server
- Subdeployment
- Queue Connection Factories (multiple)
- XA Queues (multiple)
- Queues (multiple)
- System Module

Note: - Currently script does not support datasource creation. You need to create it manually

Basic Structure of Utility

Whole utility basically consists of three parts data, property and script.

Data

In this folder, JNDI names of all the resources that need to be created are present in their respective files

File Name	Description
queues.data	Contains JNDI list of names of all Queues
qcf.data	Contains JNDI list of names of all Queue Connection Factories
qcf_xa.data	Contains JNDI list of names of all XA Queue Connection Factories

Property

In this folder, all property files will be present

File	Description
project.properties	All flags, Weblogic credentials, path for data,

Script

resource_creation_util.py contains all the code which needs to run for creating resources.

Steps to Run Script

1. Set properties
2. Set data
3. Copy RCU Folder on Application Server
4. Set Weblogic home
5. Run Script

Set properties

Properties of project can be defined at location *property/project.properties*.

Following are the properties supported by this utility

Property Name	Description	Valid values
env	Name of Environment	any string (e.g. BMOITR, BMOOFFSH, etc)
weblogic_uname	Weblogic username	any string (e.g. weblogic, admin, etc)
weblogic_pass	Weblogic Password	any string (e.g. weblogic123, admin, etc)
weblogic_url	Weblogic console URL	<host name/ip>:port (e.g. localhost:7001, 10.180.153.139:7001)
create_mangserver	whether to create Manage Server or not	Y/N
create_filestore	whether to create File Store or not	Y/N
create_jmsserver	whether to create JMS Server or not	Y/N
create_subdeployment	whether to create Subdeployment or not	Y/N
create_qcf	whether to create Queue Connection Factory (non-XA) or not	Y/N
create_xa_qcf	whether to create XA Queue Connection Factory or not	Y/N
create_queues	whether to create Queues or not	Y/N

create_systemmodule	whether to create System Module or not	Y/N
append_module_name	If this option is enabled all the names will be appended with <env> name (like MangServer_ITR)	Y/N
manage_server	Name of managed server	any name (Optional) Default: MangServer_<env>
system_module	name of system module	any name (Optional) Default: SystemModule_<env>
jms_server	name of JMS server	any name (Optional) Default: JMSServer_<env>
subdeployment	Name of Subdeployment	any name (Optional) Default: Subdeployment_<env>
filestore	Name of FileStore	any name (Optional) Default: FileStore_<env>
protocol	Protocol used for connection	t3
filestore_dir	Directory where filestore needs to be created Note :- make sure you have write rights for directory which you are specifying	any directory as per OS (e.g. Linux - /scratch/work_area windows – D:\work_area)
queues_filepath	File containing name of all Queues	data/queues.data
qcfxa_filepath	File containing name of all XA queue connection factories	data/qcf_xa.data
qcf_filepath	File Containing name of All Queue Connection Factories (non-XA)	data/qcf.data