

This page last changed on 2011-04-01 by [g19850](#).

How to deploy

We use maven to do the deployment of the OSBs. The "script" that is doing the actually work is allready uploaded to the Midas Nexus repository. This one is doing all the work.

Pre-requisites

- Installed version of maven have to be: **Apache Maven 2.2.1**
- Able to use Midas Nexus repository ([How to set this up](#))

How to do the deployment

It's a two phase steps:

1. Prepare and verify the deployment
2. Exceute the deployment

Prepare and verify the deployment

When preparing the deploying for a given environment you need to be located in the project directory:

\projectName

To prepare a given environment: [ENV] the command is:

```
mvn install -Denvironment=[ENV]
```

So if you want to prepare SITE:

```
mvn install -Denvironment=SITE
```

You get the following output:

```
[INFO] [deploy:copyAndReplace {execution: default}]
0 [main] INFO - #####

0 [main] INFO - root dir:C:\java\osb_core\
0 [main] INFO - Filepatterns: .\*.xml,.\*.properties
0 [main] INFO - Zipped Filepatterns: No Pattern
0 [main] INFO - Delivery dir: .\delivery
0 [main] INFO - Image dir: .\img
0 [main] INFO - Config dir: .\config
0 [main] INFO - Environment: SITE
16 [main] INFO - #####

16 [main] INFO - Verify directories
31 [main] INFO - Load properties recursive from the dir: .\config\SITE
47 [main] INFO - Start copy-replacing in files
1375 [main] INFO - End copy-replacing in files
```

```

1375 [main] INFO  -

#####
REPORT:

The following keys was not used at all.
  Directory: .\config\SITE\OSB_INTERNAL
            Key: ENDPPOINT_DEPLOYMENT_OSB_HOST2
            Key: TEST
            Key: ENDPPOINT_DEPLOYMENT_OSB_HOST1
  Directory: .\config\SITE
            Key: ENDPPOINT_CDT_HOST2
            Key: ENDPPOINT_CDT_HOST1
            Key: ENDPPOINT_EA_HOST2
            Key: ENDPPOINT_EA_HOST1
  Directory: .\config\SITE\OSB_ECOM
            Key: ENDPPOINT_DEPLOYMENT_OSB_HOST2
            Key: TEST
            Key: ENDPPOINT_DEPLOYMENT_OSB_HOST1

To get detail information about properties substitution please look in the log:

.\img\SITE\properties_replace.log

#####

[INFO] -----
[INFO] BUILD SUCCESSFUL
[INFO] -----
[INFO] Total time: 3 seconds
[INFO] Finished at: Fri Apr 01 08:57:51 CEST 2011
[INFO] Final Memory: 9M/22M
[INFO] -----

```

In the above example you can see that some keys are not used from the configuration this is not an error in itself, **but projects should correct this before giving this to Midas.**

What is important here is that it is a success which means a value is found for all substitution.

Execute the deployment

Go to the environment that you want to deploy

```

|-- ProjectName
|-- img
|--SITE

```

If you have a ECOM / INTERNAL sub domain you have to go a step lower to deploy all osb service for that domain

```

|--INTERNAL
|--ECOM

```

and write (**ProjectName/img/SITE/INTERNAL/**):

```

mvn install

```

This will result in a full deployment of ALL the services for that domain. If you only want to deploy one service go to that directory and do the same.

Configuration directory

The configuration directory has the following structure:

 --config	
environment) --[ENVIRONMENT]	(General properties for the hold
--*.properties	
 --[DOMAIN]	(Properties that overrides properties for a
particular domain in that environment)	
--*.properties	

An example is:

 --config	
 --[SITE]	
--*.properties	(Value:
ENDPOINT_SC_HOST1=129.160.1.2)	
 --[INTERNAL]	
--*.properties	(Value:
ENDPOINT_SC_HOST1=188.160.2.100)	
 --[ECOM]	
--*.properties	(Value:
ENDPOINT_SC_HOST1=100.1.200.1)	

This means that we can do overriding of values, which results that we're able to have multiple domains in an environment (INTERNAL/ECOMM).

Below is an example of values in a properties showed:

```
#<!-- ***** SC SERVERS ***** -->
ENDPOINT_SC_HOST1=http://cc-i-d36-c01-s01.cr.root4.net:7501
ENDPOINT_SC_HOST2=http://cc-i-d36-c01-s02.cr.root4.net:7501

#<!-- ***** ARCHIVE (EA) SERVERS ***** -->
ENDPOINT_EA_HOST1=http://cc-i-d503-c01-s01.cr.root4.net:7501
ENDPOINT_EA_HOST2=http://cc-i-d503-c01-s02.cr.root4.net:7501
```

Please go to [Central configuration keys](#) to get a detail description.

Using the right keys when deliver to deployment

It's essential that we're using the same keys as the rest of the people delivering OSB. If we do this then there is no need (later in time (very soon)) that you deliver any configurations. Because we know the keys that we use when deploy OSBs. Please go to Central configuration keys to look at the keys.