

XVWeb.ServiceTool Documentation

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The XVWeb Service Tool is the same tool the dev team uses to complete service related tasks on XVWeb. The Service tool replaces several older tools with one consistent way of performing advanced tasks with sites.

Overview

The service tool is a command line program. It takes two parameters: 1) the function you want executed and 2) a list of sites.

The site list

The service tool expects a file with the following format for a site list:

```
<name1>.<hostname1>  
<name2>.<hostname2>
```

Functions

Name	Description	Input	Output
map	Performs a patient update on the listed sites.	Standard mapping file must be present in <code>input\ <name>. <hostname>.csv</code>	none
commit	Commits the results of a patient update or other database level change to DICOM storage.	none	none
purge	Removes listed UIDs from the XVWeb site.	UID list must be present in <code>input\ <name>. <hostname>.txt</code>	none
reindex	Updates the site database with values from DICOM storage. This is effectively an undo for a patient mapping.	none	none
export	Downloads all DICOM files from the listed sites.	none	<code>output\ <name>. <hostname>*.dic</code>
uidsfromcapturestation	Returns instance UIDs from listed capture stations.	Capture station list must be present in <code>input\ <name>. <hostname>.txt</code>	<code>output\ <name>. <hostname>__uidsFromCaptureStation.txt</code>

Name	Description	Input	Output
download	Downloads all listed DICOM instances.	DICOM instance list must be present in <code>input\ <name>. <hostname>.txt</code>	<code>output\ <name>.<hostname>\<uid>.dic</code>
downloadpatients	Downloads DICOM instances for given patients.	Patient list (in standard ID Mapping-style format) must be present in <code>input\ <name>. <hostname>.csv</code>	<code>output\ <name>.<hostname>\<uid>.dic</code>
store	Stores all DICOM instances in the folder to the site.	DICOM instances must be present in <code>input\ <name>. <hostname>*.dic</code>	none

Examples

Performing a patient map on demo1.xvweb.net [🔗](#):

- Put the patient map file in
`input\\demo1.xvweb.net.csv`
- Make a sites.txt file in the service tool directory. In it put:
`demo1.xvweb.net`
- Run the service tool:
`xvweb.servicetool.exe map sites.txt`

Performing a commit on testing.xvweb.net [🔗](#):

- Make a sites.txt file in the service tool directory. In it put:
`testing.xvweb.net`
- Run the service tool:
`xvweb.servicetool.exe commit sites.txt`

Purging files from many sites:

- Make a sites.txt file in the service tool directory. In it put:

```
abc.xvweb.net
def.xvweb.net
xyz.xvweb.net
```

2. Make sure your uid lists are in the following paths:

```
input\abc.xvweb.net.txt  
input\def.xvweb.net.txt  
input\xyz.xvweb.net.txt
```

3. Run the service tool:

```
xvweb.servicetool.exe purge sites.txt
```

Undo a mapping:

1. This will work only **before a commit has been run.**

2. Add the target sites to sites.txt:

```
site.hostname.net
```

3. Run the service tool:

```
xvweb.servicetool.exe reindex sites.txt
```

Export DICOM files:

1. Put the site or sites in sites.txt:

```
drbob.xvweb.net
```

2. Run the service tool:

```
xvweb.servicetool.exe export sites.txt
```