.decimal Dicom Receiver

Setup

The following section describes the dependencies and steps to install and configure the .decimal dicom receiver for Thinknode.

Python Verion Required:

Python 34

Packages required to run:

- requests
- colorama
- jsonpickle
- msgpack

```
python -m pip install requests
python -m pip install colorama
python -m pip install jsonpickle
python -m pip install msgpack-python
```

Installation

This step will install the decimal dicom receiver as a service under windows using NSSM.

Open a console window as administrator and run:

```
nssm install <servicename e.g. decimal_dicom_receiver>
```

Set the NSSM fields as follows:

N NSSM service installer Application Details Log on Dependencies Process Shi	ttdown Evit I I
Application Path: C:\decimal_dicom_receiver\receiver_serv Startup directory: C:\decimal_dicom_receiver Arguments:	
Service name: decimal_dicom_receiver Install ser	vice Cancel

N NSSM service installer	×
Application Details Log on Dependencies Process Shutdown Exit	Ŀ
Details Display name:	
Description: .decimal Thinknode Dicom Receiver	
Startup type: Automatic	
Service name: decimal_dicom_receiver Install service Cancel	

After first setup, the service must be started manually from the Windows Services dialog.

Configuration

Open the receiver_config.json file. Set the following parameters:

- 1. local_ae_title: <ae title of the instance of the receiver>
- 2. local_port: <desired port to receive on>
- 3. storage_root_path: <location where to copy the dicom files prior to upload>
- 4. thinkode:
 - 1. basic_user: <base64 username and password>
 - 2. realm_name: <realm to post the dicom patient>
 - 3. account_name: <thinknode account name>

Uninstalltion of Service

From:

Permanent link:

nssm remove <service_name> confirm

http://apps.dotdecimal.com/ - decimal App Documentation

http://apps.dotdecimal.com/doku.php?id=dicom:dicom_receiver&rev=146040445

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