
# DICOM Anonymization and sharing

Quick User Guide

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## DICOM Anonymization - How to use

To use this feature you have to install Orthanc and setup Bidatabase as explained in this tutorial



### To Anonymize patients:

- Search for your patients stored in Orthanc using the search bar
- Add the patient(s) or the study(ies) to the anonymization list
- Define the New Name and New ID for anonyization (or let empty and the software will generate numbers for you)
- Press « Anonymize » to start the anonymisation (all DICOMs are re-written, the process can be long)

Once finished the Export tab will open to let you choose the protocol to export the anonymized data

### DICOM Anonymization tool - Setup

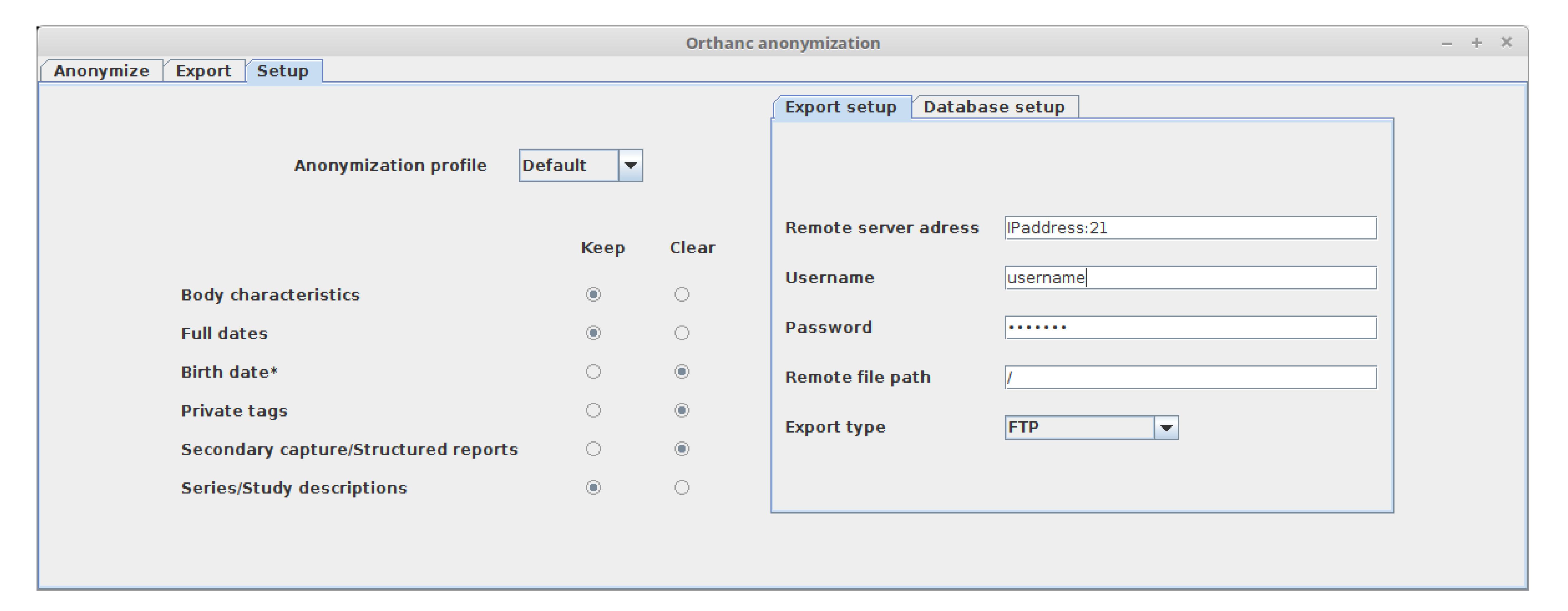
#### 200 DICOM tags are anonymized according to the NEMA referential (PS 3.15-2011 Table E.1-1)

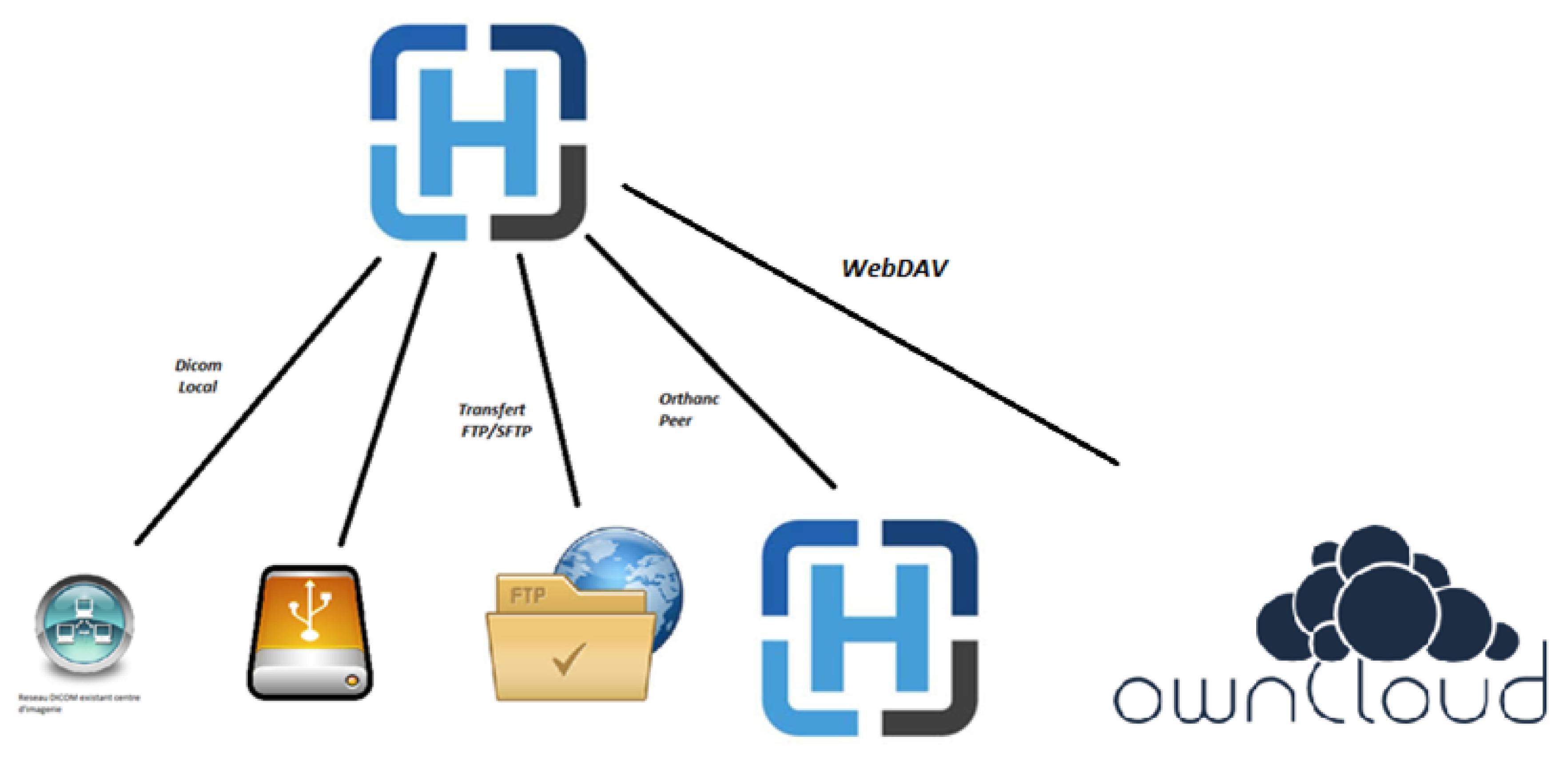
The following tags have settings options in the setup tab: they can be keept (original value) or cleared (removed):

- **Body chraracteristics**: Patients Age, Sex, Size, weight... (as suggested by column « Patient chars Option » in NEMA)
- *Full dates*: Acquisition, serie time and date ... (see column « full date option » in NEMA)
- Birth date: if « clear » birth date will be replaced by 1/1/1900
- Private tags
- Secondary captures / Stuctured reports: if « clear », SC/SR DICOMs will be automatically removed from the anonymized dataset
- Study and Series descriptions

You can use predifined profiles:

- « Default » is recommanded for PET and NM studies
- « full clearing » follows all NEMA instructions but should be reserved to CT/MRI
- Or make your own custom profile





#### Export protocols:

Multiple export services are implemented to export the anonymized DICOMs

- Local ZIP to your file system (hard disk, USB key...)
- DICOM protocol
- FTP / SFTP (server address to set in the setup tab)
- WebDAV (server address to set in the setup tab)
- Orthanc Peer

An anonymization report can be generated in CSV to store the anonymization procedure (Original and anonymized name/ID)

