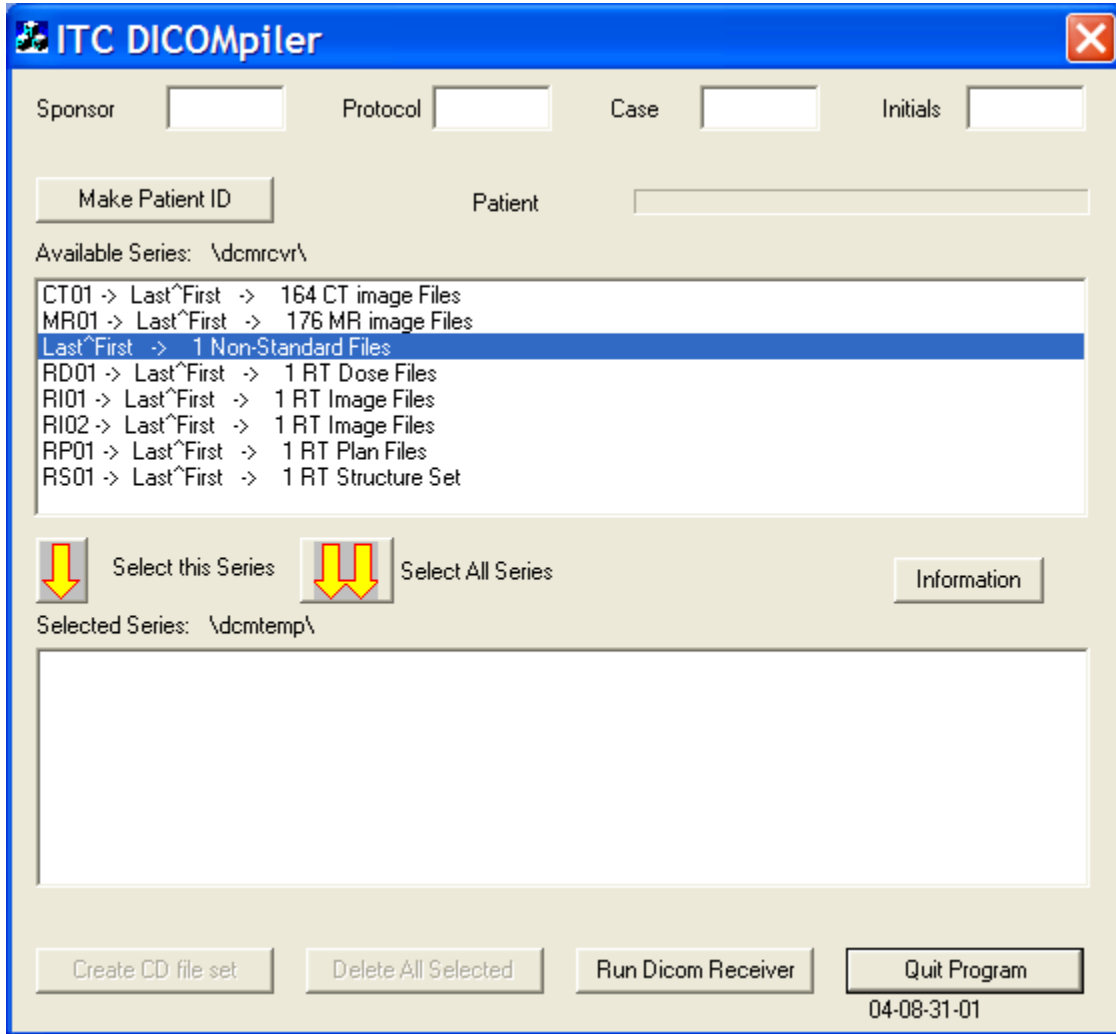


Anonymizing Datasets that include DICOM Spatial Registration Objects Using the ITC DICOMPiler

The ITC DICOMPiler software can be used to replace personal identifiers in DICOM datasets for submission in clinical trials. The DICOMPiler supports DICOM modalities including CT, MR, PET, and US images, as well as RT Structure Set, RT Plan, and RT Dose data.

Support for DICOM Spatial Registration Objects (SROs), however, is limited. SROs sent to the DICOMPiler will appear with the correct patient ID, but will be labeled as a “Non-Standard File”:



If you select this object and click on Information, it will be identified as having a modality of REG (which is correct):



If an SRO file is included in the selected series, it will be anonymized and included in the File Set with the other selected data when "Create CD file set" button is pressed. However, unlike files for fully supported DICOM modalities (which are labeled by modality, series number, and file number, e.g., "MR010034.dcm"), the SRO will appear as a file named "0001.dcm" in the dcmcd directory.

