

High Resolution Research Tomograph

U S E R C O M M U N I T Y

HRRT_U 1.0.1 Release notes

HRRT_U 1.0.1 is a patch for HRRT_U 1.0; containing bug fixes for hrrt_osem3d, if2e7, lmhistogram_u and adds “EM histogram start countrate” option to ReconGUI_u (see HRRT_U_1_0_1_PR_tracking.pdf for details). The “-start” option allows to skip the time before the activity enters the brain (FOV) to avoid creating empty frames.

Program	HRRT_U 1.0	HRRT_U 1.0.1	
Calcringroiratio.exe	Aug 7 2008 16:42:02		
clc_u.exe	Aug 11 2008 13:08:09		
Clcrecon.exe	Oct 6 2008 16:46:32		
clq_u.exe	Aug 11 2008 09:02:37		
CorrectRun_u.exe	Aug 30 2008 11:55:09		
Daily_QC.exe	Oct 25 2008 14:44:00		
e7_atten_u.exe	Oct 25 2008 16:13:13		
e7_fwd_u.exe	Aug 5 2008 11:23:35		
e7_sino_u.exe	Aug 26 2008 10:02:04		
Gendelays.exe	Nov 11 2008 15:51:54	Dec 22 2008 11:30:34	
hrrt_osem3d_x64.exe	Nov 17 2008 09:09:58	Dec 22 2008 16:55:20	
hrrt_osem3d.exe	Nov 17 2008 09:08:35	Dec 22 2008 16:26:13	
hrrt_rebinner_lut.exe	Nov 12 2008 18:26:39		
If2e7.exe	Oct 6 2008 18:24:14		
lmhistogram_u.exe	Aug 7 2008 16:17:39	Jan 11 2009 18:04:44	
norm_process.exe	Nov 13 2008 21:50:42		
ReconGUI_u.exe	Nov 21 2008 12:28:12	Jan 19 2009 16:58:37	
TX_TV3DReg.exe	Oct 27 2008 10:10:00		
Ecat2dicom.exe		May 08 2008 18:00:00	
update_dicom.exe		Jan 22 2008 12:54:39	

Table 1: HRRT_U 1.0 program versions

ecat2dicom.exe and update_dicom.exe are new utilities to convert ECAT images to DICOM. Ecat2dicom uses Vinci to load ECAT image and save the Image into DICOM format. Update_dicom updates DICOM files generated by Vinci with additional ECAT header information and series description entered by the user. update_DICOM also moves the DICOM file to a transfer directory specified by the environment variable

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DICOM_TRANSFER_DIR. A site specific script can be used to automatically send the DICOM files to a DICOM server.

HRRT_U 1.0.1 Installation instructions:

1. Make a copy of C:\CPS\USERS_SW directory or just programs to be replaced
2. Extract and copy the new binaries in C:\CPS\USERS_SW
3. For 64bit, rename hrrt_osem3d.exe to hrrt_osem3d_x32.exe and hrrt_osem3d_x64.exe to hrrt_osem3d.exe
4. For cluster, download the new hrrt_osem3d.exe (clc_u -d hrrt_osem3d.exe)