

ATC Method 2 Development at ITC
RCET Software version 2.4.2.3 Pre-Test Report
June 13, 2006

Background

- On 5/4/06, the ITC began pre-test evaluation of v 2.4.2.1 of the RCET software, whose installation was complete on the Polaris server as of 5/3/06. This version resolves issues related to MIME-type problems affecting download of data from the server.
- On 5/8/06, Dr. Frouhar announced the release of version 2.4.2.2 with bug fixes based on RCET internal QA and NCIC response. ITC halted pre-test evaluation of version 2.4.2.1 and awaited installation of version 2.4.2.2.
- On 5/26/06, ITC received formal notification that RCET software (WebSys, Rapid Image Viewer Tool, WebSys Admin Tools) version 2.4.2.2 had been installed on the ITC POLARIS server and was ready for evaluation by ITC.
- On 5/31/06, the ITC began pre-test evaluation of v 2.4.2.2 of the RCET software. A previously-installed copy of the WebSys client software was removed from the desktop computer used for this evaluation, the system was rebooted, and a current version of the WebSys client was downloaded from the Polaris server and installed.
- On 6/5/06, the ITC release a pre-test report evaluating v. 2.4.2.2 of the RCET software indicating problems in downloading RTOG Data Exchange data from the POLARIS server.
- On 6/7/06, Dr. Frouhar announced that problems reported in the pre-test report of 6/5/06 had been resolved.
- On 6/9/06, the ITC resumed pre-test evaluation of configuration v 2.4.2.3 of the RCET software. Results are shown below.

Downloading RTOG Data Exchange Data

A previously-installed copy of the WebSys client software was removed from the (Windows XP Pro) desktop computer used for this evaluation, the system was rebooted, and a current version of the WebSys client was downloaded from the Polaris server and installed successfully.

Preliminary Evaluation

DICOM (images and RT objects) were uploaded and downloaded from the Polaris server. No obvious problems were noted with downloaded files. (No detailed comparisons of uploaded and downloaded objects were performed.)

Three sets of RTOG Data Exchange files were uploaded to the Polaris server. This operation was apparently completed successful as the data were listed in the Electronic Folder under the Case ID used for the upload. **Attempts to download RTOG Data Exchange files from the server failed as was reported in the previous pre-test report 6/5/06.** RTOG objects could be identified and selected in the Electronic Folder, but clicking on "Download Selected" had no effect. (No progress indication was evident and no data files were found on the client system.) Since RTOG objects are part of the ITC test suite, the ability to download of these objects is needed to permit testing of the WebSys client and server software.

Conclusion

Preliminary evaluation of the WebSys client, designated v. 2.4.2.3 by the ITC, (WebSys_2.4_Setup.exe, 7,021,266 bytes created January 04, 2006 12:50:46 PM, modified May 14, 2006 4:05:24 PM) was performed at ITC using the WebSys server configuration and database installed on the ITC POLARIS server as of 6/7/06. As indicated above, problems in downloading RTOG Data Exchange data remain in this version of the software and must be resolved before further testing at ITC can proceed.

Respectfully submitted,

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