ATC Method 2 Development at ITC
RCET Software version 2.4.2 Pre-Test Report
April 13, 2006

Timeline

- On 1/12/06, ITC received formal notification that RCET software (WebSys, Rapid Image Viewer Tool, WebSys Admin Tools) version 2.4 had been installed on the ITC POLARIS server and was ready for evaluation by ITC.

- On 1/13/06 a teleconference was held to discuss bug fixes and changes implemented in version 2.4 and to prepare for testing at ITC. Dr. Frouhar led the ITC personnel through an installation of the WebSys client on the POLARIS server (Windows 2003 Server OS). The WebSys client he demonstrated (WebSys_2.4_Setup.exe, 8,986,428 bytes, created January 06, 2006 11:15:07 AM, modified January 13, 2006 12:56 PM) was evaluated at ITC (see below).

- On 1/17/06, the ITC began pre-test evaluation of v 2.4 of the RCET software. An installation problem was noted on two (of four) computer systems at ITC. Attempts to upload data to the WebSys server (POLARIS) appeared to succeed and a corresponding set of compressed data files was found on the POLARIS server. However, the submitted data could not be downloaded using the WebSys client. Attempts to download data resulted in the error message "ERROR: Receiving or Decompressing of file: 1 failed !"

- On 2/2/06 the ITC issued a pre-test report for version 2.4 of the software.

- On 2/10/06, Dr. Frouhar issued a document addressing the ITC findings and outlining changes to be made to the WebSys installation package to resolve the reported problems.

- On 3/1/06, the ITC received email from Dr. Frouhar indicating that software on the POLARIS server had been updated and was ready for evaluation by the ITC.

- On 3/3/06, the ITC began pre-test evaluation of the WebSys client, (herein designated v. 2.4.1, including client installer file WebSys_2.4_Setup.exe, 7,844,095 bytes created January 04, 2006 12:50:46 PM, modified February 24, 2006 9:09:16 AM) to determine its readiness for testing.

- On 3/8/06, the ITC declined to begin formally testing WebSys 2.4.1 due to issues that made the program unsuitable for testing. A report was submitted to this effect by Dr. Walter Bosch.

- On 3/15/06, installed an updated WebSys client (v.2.4.2) on POLARIS.

- On 4/3/06 release notes for version 2.4.2 and the announcement that the system was updated and ready for testing was received by ITC.

- On 4/10/06, the ITC began examining the new version of Websys (2.4.2 , last modified 3/15/06) for suitability to begin testing.

- On 4/10/06, the ITC began pre-test evaluation of the WebSys client, (herein designated v. 2.4.2, including client installer file WebSys_2.4_Setup.exe, "WebSys 2.4.1 Beta Installation" 7,725,692 bytes last modified March 15, 2006 8:00:24 AM) to determine its readiness for testing.

Installation Issues

The previous version of Websys 2.4.1 was removed from the client machine and the system was rebooted. The new WebSys installer was downloaded from http://polaris.wustl.edu/WebSys/WebSys.htm, saved to the local hard drive and installed. The machine was booted again. The Websys 2.4.2 client was opened via the windows menu

Minor issues:
- Check for previous versions during installation still took over five minutes on one Windows XP system at ITC.
- WebSys attempts repair on startup. (ITC needs instructions for removing residual modules from previous installations)

Preliminary Usability Evaluation

Previous datasets were removed from the server using the RCET administrative tools. There was no problem removing cases

A new user ID (aITC) and protocol ID (ATC_test_060413) were created for testing purposes. The aITC user was assigned SD privileges in the ATC_test_060413 protocol.

Uploads

Attempts to upload data to the new protocol were **apparently successful:**

- Appropriate database entries were found using the Admin Tool
- Uploaded objects were correctly listed on the WebSys client
- CT Images were successfully reviewed in the Rapid Image Viewer.

Downloads

Attempts to download data from the newly uploaded case **failed**. WebSys displayed the message shown below. (This error message is the same as that seen previous releases v 2.4 and v. 2.4.1.

Conclusion

Preliminary evaluation of the WebSys client, designated v. 2.4.2 by the ITC, (WebSys_2.4_Setup.exe, 7,725,692 bytes last modified March 15, 2006 8:00:24 AM) was performed at ITC using the WebSys server configuration and database installed on the POLARIS server as of 3/15/06. As indicated above, usability issues in this version of the software (failure to download previously submitted data) remain and must be resolved before further testing at ITC can proceed.

In order to avoid confusion between revisions in testing of this software, the ITC requests that a modified version of the client (and its installer) and/or server configuration that addresses these problems be designated v 2.4.3.

Respectfully submitted April 13, 2006,

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