Subject: Watsyn IDL Broker

Posted by Robert Barnett on Fri, 23 Jul 2004 06:27:50 GMT

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Hi,

Earlier this year RSI announced that they were dropping Watsyn. I've head that some nuclear medicine workstations will have a Broker Activity which can perform somewhat the same function.

Unfortunately, this 'Broker Activity' will not be available until early next year. In place of this I have used the Watsyn development environment to simulate much the same thing.

Rather than posting binaries, I wanted to know if anyone had any interest in using watsyn in this way.

The current method of operation is:

1. Take a series from the patient database using Watsyn (IDL 5.5)
2. Save all child images to an IDL .sav file
3. Save all relevant meta data (including Patient and Study data)
4. Spawn an IDL 6.0 runtime
5. Run the IDL 6.0 application and restore the image and meta data
6. Save the output images from the application and exit the IDL 6.0 runtime
7. Restore the output images into Watsyn (IDL 5.5)
8. Put output images back into patient database

Indeed this is a very convoluted process for a rather simple application. However, with preliminary tests I have got steps 1-6 working.

I run applications in this way because the widget libraries in Watsyn are blocked. I also like it because I can use IDL 6.0 instead of 5.5.

Cheers,
Robbie

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