

Cross-platform tests using v252f

Raw .difax files for comparison purposes

- Dataset from DiFX 2.3 (pre-release), run on a dual hex core Intel E5-2630L using IPP7.0 (at ASTRON): [astron.difax2.3.e5-2630l.ipp7.0.tar](#)
- Dataset from DiFX 2.1.1, run on an Intel Core2 Duo E8400 using IPP6.1.2.051 (at ASTRON): [astron.e8400.ipp6.1.2.051.tar](#)
- Dataset from DiFX 2.1.1, run on a dual hex core Intel E5-2630L using IPP7.0 (at ASTRON): [astron.e5-2630l.ipp7.0.tar](#)
- Dataset from DiFX 2.1, run on an Intel Dual X5690 using IPP6.1.2.051 (at SKA SA): [skasa.x5690.ipp6.1.2.051.tar](#)
- Dataset from DiFX 2.1, run on an Intel Dual X5690 using IPP7.1 (at SKA SA): [skasa.x5690.ipp7.1.tar](#)

How to test

Download the v252f test dataset from this [ftp area](#). Run it through as directed in the README file.

Then, create a .difax directory for each of the comparison datasets you want to check against. I suggest calling them “<sitename>IPP<IPPversion>_1.difax”. Then copy the tarball from the table above, place it in that directory and untar it.

Now you can test any pair of datasets by running diffDiFX.py
<directory1>/DIFX_54626_005310.s0000.b0000 <directory2>/DIFX_54626_005310.s0000.b0000
-inputfile=example_1.input.

Please also upload your results into the table above! The uploader won't allow a raw DiFX file (it complains about the filename extension) plus everyone will be loading up files of the same name. So please first tar it, using a filename like <sitename>IPP<IPPversion>.tar.

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