
Subject: Re: IDL use to analyse MRI data
Posted by [Robbie](#) on Fri, 23 Jun 2006 03:43:03 GMT
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Hello,

If you can't afford the DICOM network services module from ITT, then you can always use DCMTK (www.dcmkt.org) executables. I've also have an alternative implementation of IDLffDICOM which lets you access uncompressed DICOM files using the ASSOC function (<http://www.barnett.id.au/idl/>).

I would think that Oliver Thilmanns library (<http://www.jubileum.lu.se/mrphysics/software/lib/index.htm>) might be useful. You could also use iTools if you are sure that you only want to design a few custom data filters.

In Nuclear Medicine, we often process scans using a druid (more commonly known as a wizard). I have an implementation of this using a workflow engine written entirely in IDL. It comes with common UI controls such as rigid registration, curve fitting, ROIs, zoom, pan and contrast. I probably won't release code until it's fairly stable, but I am still keen share code with any potential collaborators in the meantime. However, I don't know if it would be any use for MRI processing.

Robbie
