

---

Subject: IDL DICOM writer v0.2

Posted by [Bhautik Joshi](#) on Mon, 14 Jan 2002 22:51:27 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

G'day all,

I've updated the source code for my (open source (free!(as in 'free beer')) DICOM writer for RSI's IDL. Currently, its main features are:

- \* Generates implicit VR DICOM files (little endian)
- \* Handles most VR tags (except for PN and SQ)
- \* Generates single slice images, from most integer (BYTE, FIX, UINT, LONG, ULONG) data types
- \* Seems to handle endian-ness issues on tested platforms (win32 (little endian) and SPARC (big endian))
- \* Has a quick & easy mode for generating really simple DICOM files with important tags filled in with dummy values
- \* Relatively simple program structure means it can be easily extended to write more tags

It only writes basic single slice DICOM files (ie not part 10 files), and I can't guarantee DICOM compliance. However, as a simple DICOM writer that uses pure IDL code (ie no .DLL's or libraries or whatever) you might find it useful. The source code itself is fairly simple so it is also quite easy to extend it so that you can add more tags to be written.

It can be found here:

<http://cow.mooh.org/idl.shtml>

and soon it will be available on David Fannings (absolutely legendary) site:

<http://www.dfanning.com>

If you have any queries, comments or suggestions, please don't hesitate to contact me as I'd love to hear about it.

Cheers,  
Bhautik Joshi

ps. thanks to Marc O'Brien (m.obrien@sghms.ac.uk) for his hints and source code, and David Fanning for hosting the files :)

--

/-----+-----(\\_)--- ----\  
| bjoshi@nospam.geocities.com | phone: 0404032617 |..|--\ -moo |

| ICQ #: 2464537 | http://cow.mooh.org | |--| |  
|-----+-----\OO/|| -----/  
| international |  
| roast. my sanity has gone |  
| its lost forever |  
|-----/

---