
Subject: sec : U How to equivalence byte array to defined structures?

Posted by [Andrew Cool](#) on Wed, 25 Jun 2003 23:32:59 GMT

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Hi All,

All round Genius and Good Guy Randall Frank has amended his idl_tools DLM so that a gzipped variable can be gunzipped in memory, meaning that no temporary files are involved - just write out the final decompressed data! (I don't think the new version is posted on Ronn Kling's site yet.)

Now that I've got a nice byte array in memory representing the decompressed data, I'd like to stow it into a couple of structures, a header structure and a data structure.

If the byte array is written out to a file, I read it back in using the header and data structure.

Rather than write out the data to a file, how do I assign or equivalence the byte array to my two structures in memory?

I guess I'm looking for something like :-

```
Equivalence(header_structure,byte_array(0:x))  
Equivalence(data_structure,byte_array(x:*))
```

Any ideas?

Andrew

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