## Subject: Re: Need advice on building a project Posted by David Fanning on Thu, 19 Dec 2002 19:11:27 GMT View Forum Message <> Reply to Message

## M. Katz (MKatz843@onebox.com) writes:

- > Atle at RSI Tech support has given me some good advice.
- > I was able to build an IDL runtime application without adding each and
- > every file to the project. Amen. I included only the main procedure,
- > plus all of the object definition files, because IDL can't "see" that
- > it needs those at compile-time. By selecting output as .sav, IDL's
- > project built procedure automatically appended a RESOLVE ALL command
- > to the end of the compile. It appears that that takes care of all of
- > the obvious links to other functions and procedures automatically.

Right. This certainly works with run-time files you wish to ship to colleagues who only work with that run-time application.

The problem I have is that the projects I work with are collaborative efforts between people at several locations (even across the world). To be sure what I see on my machine is what they see on their machine, we have to be careful about source code, too. Thus, it is important to me that each project file be in a particular location in the "project" directory structure.

This is quite easy to get out of whack, especially if you have a number of "releases", and results in all kinds of head scratching and muttering until I realize what is going on. :-(

- > Allow me to second Pavel's question about the importance of
- > build-order that you mentioned.

Build order is almost never a problem in files I write. After a long career writing IDL programs I sorta, mostly, know what I'm doing. The problem, really, is with all the legacy code we sometimes have to deal with. A lot of that code is not... well, very well written. (Probably the reason they have hired us in the first place, to be honest.)

Sometimes we just re-write the darn things the way they should be written, but sometimes we have to live with what we have. The result is a lot of trouble sometimes. :-)

Cheers,

David

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