
Subject: Pre-processor-like Capability?

Posted by [Bruce E Thomason](#) on Tue, 11 Jun 1996 07:00:00 GMT

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Does anyone know of a IDL/PV-Wave capability that is analogous to C's preprocessor?

I am particularly interested in efficiently establishing symbolic references (in the coding process) to constant values for use across many routines (as #define does w/ the C pre-processor), but to have these values efficiently accessed at run-time.

The two alternative's I've come up with are:

1. Declaring variables via an "include" (@xxx) file. This has the down side of potentially including declarations to variables that are not used in a routine, as well as accessing variables in what (I expect) is a less efficient manner than accessing a literal value.

2. Using system variables, which I also expect is less efficient than accessing a literal value.

I would prefer a language intrinsic approach, but might have to settle for writing/using a (language independent) preprocessor. Does anyone have a recommendation in this regard?

Thanks in advance!

Bruce

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Dynamic System Solutions Real-Time System Developers
331 Franklin St. For Test, Measurement &
Columbus, IN 47201 Scientific Visualization
