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Subject: Re: IDL Virtual Machine information  
Posted by [kashyap](#) on Mon, 30 Jun 2003 17:47:41 GMT  
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In article <bdp94e\$jfg\$1@houston.jhuapl.edu>,  
Haje Korth <haje.korth@jhuapl.edu> wrote:  
> which is not available in VM mode. This seems to be used by many people,  
> even though I haven't discovered its usefulness. (Maybe someone could  
> describe a scenario, where I really need this and cannot find a quick  
> workaround. Maybe I have been missing out on something great here.)  
>  
> Greetings,  
> Haje

Here is an example:  
<http://hea-www.harvard.edu/PINTofALE/pro/fitting/adjustie.pr> o  
(which is part of the PINTofALE suite, see  
<http://hea-www.harvard.edu/PINTofALE/doc/FITLINES.howto> )

We use EXECUTE() to define constraints among fit parameters. Given the large number of possible constraints, there is no other way to set up a flexible constraint at run time. For instance, one might come across a constraint such as "flux in line 2 is between 2 and 3 times the flux in line 1." Or, "line 2 is at a fixed distance from line 1, with some error." Or, "if line 1 has flux greater than some threshold then line 2 is located at this position, otherwise at this other, slightly different, position." Etc.

Vinay  
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[kashyap@head-cfa.harvard.edu](mailto:kashyap@head-cfa.harvard.edu)      617 495 7173 [CfA/P-143] 617 496 7173 [F]  
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