

AN EPICS SERVER FOR IDL APPLICATION PROGRAMS

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IDL, the Interactive Data Language is a popular commercial 4GL application development software package for data analysis and visualization. We have developed an interface between IDL programs and the object oriented Experimental Physics and Industrial Control System's (EPICS) server library. This software allows a person familiar with IDL, but not with EPICS, to efficiently produce an IDL application which is both a consumer and a provider of EPICS internet process variables. We discuss the new interface between IDL and EPICS, and also some of the applications that use it.