

Interface Repository Viewer for CORBA

Chang-Jen Chen, Ruey-Shyang Wu, Shyan-Ming Yuan, Kai-Chih Liang

Department of Computer and Information Science, National Chiao Tung University, Taiwan, R.O.C.

Tel: +886-3-5712121-56631, Fax: +886-3-5721490,

E-mail: {gis87524, gis87539, smyuan, Kcliang}@cis.nctu.edu.tw

Abstract: The Common Object Request Broker Architecture (CORBA) is structured to allow integration of a wide variety of object systems. It is convenient to serve a request through an Object Request Broker(ORB). All request objects, which are correlative, are encapsulated. Interface is a description of a set of these request objects. A service provider can provide a service and register his Interface to Interface Repository. In other word, a client can query the Interface Repository and get the information of an interface which is provided in the environment.

We present a CORBA client application for programmers to query interface definitions. It is named Interface Repository Viewer(IRV). A programmer can get information from the Interface Repository by the graphical user interface of the IRV easily, like the file manager in Microsoft Windows. Besides, the contents of any object nodes can be directly retrieved and the detail information is showed in HTML form.