Introduction to the DCOM Wrapper

Scope

The EntireX DCOM Wrapper generates DCOM-enabled components using RPC technology. This so-called "wrapping" makes it possible to treat existing applications as ActiveX components.

The DCOM Wrapper provides access to server applications on server platforms such as z/OS, UNIX or Windows from DCOM-enabled applications, for example ActiveX applications running on various Windows platforms.

The DCOM Wrapper uses a Software AG IDL file (Interface Definition Language) that describes the RPC interface and generates a Wrapper object from the interface description. The Wrapper object is an ActiveX automation server that exposes the remote server's procedures as methods. Internally, the object maps these methods to RPC function calls. The generated automation objects can be used from any application that is an ActiveX automation controller.

Prerequisites for Using DCOM Wrapper Objects

The 32-bit EntireX Mini Runtime must be installed on the machine where the generated DCOM Wrapper object will be executed. The version of the Mini Runtime must be the same as (or greater than) the version of EntireX that was used to generate the DCOM Wrapper object.

The installation of EntireX will not update the version of the installed EntireX Mini Runtime. See *Mini Runtime* for details.

Note:
If the call to the DCOM Wrapper object fails with the DCOM error "Application or object oriented error 287", check the following:

- the used DCOM object is registered

- the 32-bit Mini Runtime is installed

- the EntireX version that was used to generate the DCOM Wrapper object is less than or equal to the version of the installed 32-bit Mini Runtime.