

# G

## **GDA = global data area**

A Natural object used to define data elements that are to be accessed by more than one Natural object in an application. See also Object Types.

## **Generation**

*Predict:* External data definition objects can be generated from Predict File objects with generation functions. Generation functions are described in the section Generation in the External Objects in Predict documentation.

## **Generated Program (GP)**

The executable program object generated by the compiler.

*Mainframe:* executable on mainframe platforms only. On the mainframe it is also possible to optimize generated programs using the Natural Optimizer Compiler.

*Open Systems:* the Portable GP introduced with Natural 5.1 for Windows is executable on all open systems platforms supported by Natural (not on the mainframe). It is also still possible to generate operating-system-dependent GPs if required.

*Synonyms:* The term 'object' is often used synonymously to GP. In Predict Application Control, the term 'loadable' is used.

## **Generation Task**

*Predict:* The generation of data definition objects can be performed comfortably by including several generation tasks in an implementation plan. A generation task is the call of a Predict generation function. See the section File Implementation in the External Objects in Predict documentation.

## **Global parameter**

See Session parameter.

## **GP = generated program**

## **GUI = graphical user interface**

## **GUID =globally unique identifier**

DCOM uses globally unique identifiers (GUIDs) - 128-bit integers that are virtually guaranteed to be unique throughout the world - to identify every interface and every class. This helps to ensure that server components can be located and to prevent clients connecting to an object accidentally.

If a class is to be registered to DCOM, every interface defined in a Natural class and the class itself must be associated with such a globally unique ID.

Once a globally unique ID has been assigned to an interface or a class, the ID must never be changed.