

Development Server File

This document describes the purpose and use of the Natural Development Server File, a central dictionary file which is used to store applications and the links to objects making up an application. It also holds object locking information in a Single Point of Development environment.

The following topics are covered:

- Purpose of the Development Server File
 - Relations between FDIC and the Development Server File
 - Unique Development Server File
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Purpose of the Development Server File

As Natural stores its data in system files, the Natural Development Server stores its data in the system file that is assigned to the Natural parameter FDIC, a logical system file which is called the Development Server File.

The Development Server File is used as a central dictionary file for storing Natural applications and the links to objects making up an application. It also holds object locking information. This information is not bound to certain groups of application developers, but has an impact on the entire application development of an enterprise. Therefore, this file should be available only once, to ensure that the application definitions and locking states are kept consistent.

Relations between FDIC and the Development Server File

The Development Server File layout corresponds to the file layout of the Natural system file FDIC used as of Predict Version 4.2 or 4.3. This means that the central dictionary file can be also used to hold Predict data, but Predict is not a prerequisite for using the Development Server File. This enables you to use your existing application documentation in the application definitions of the remote development environment.

Attention: If Predict is used together with Natural Version 4.1.2 or together with NDV 2.1, Predict Version 4.3 is a prerequisite

Unique Development Server File

It is of vital importance that the various development environments use a common and unique Development Server File. Non-compliance with this requirement may give rise to inconsistencies in object locking and in the applications existing in the application workspace.

To prevent the FDIC parameter from being overwritten when a Natural Development Server is mapped, you are strongly recommended to prevent the NTDYNP macro from being used to specify FDIC as a dynamic parameter.

In a Natural Development Server that is protected by Natural Security, however, the use of another FDIC in the application workspace is prevented if the application security profiles are activated. See also Application Protection (in the Natural Security documentation).