

XML Import

XML Import is the means to update the object configuration by XML files.

XML Import can be started:

- from [D2000 CNF](#) by selection of an item **Objects / XML Import** from main menu, it opens a [dialog box](#)
- from process [D2000 Event Handler](#) by ESL function [%XML_ImportD2ObjFromDocument](#)
- from process [D2000 GrEditor](#) by selection of an item **Configuration / XML Import** from main menu

The object configuration will be exported into directory intended for an automatic export when following conditions are met:

1. XML Import runs on the client process and [XML Repository is in active status](#) or [Automatic XML Export after object save](#) is checked off,
2. files are not imported directly from the directory intended for automatic object export or from some of its subdirectory.

At [XML Export](#) there are created, except for XML files, the binary files with *bin* suffix. They contains an additional data of objects. These files are necessary for XML Import. More detail information on binary data of XML file is mentioned in a description of [properties of SDT_RAW_DATA type](#).

An evaluation of [<CRC>](#) section affects the object modification time after the XML Import has been executed.

XML Import allows changing the parent, but only for the objects of [I/O tag](#), [Event](#), [Database](#) or [Table](#) type.

The result of **XML Import** is influenced by the setting of [import parameters](#):

Parameter	Import from the processes	ESL function
DB_ASYNC	Setting of the parameters at import from CNF (dialog box).	ON or set
UID_STRICT		ON or set
UID_USEXML		OFF or set
IGNR_CHECK		OFF or set
UPD_VARS		ON or set
GROUP_ADD		ON or set
IGNR_REFS		OFF or set

Note 1: XML Import does not import [object life logs](#) of CVS type from XML files.

Note 2: The information about XML Import of object is written into [logging database](#) - *System* class. The reason (creation of object, modification, ...) that has caused the import is written into the column "**Description**". The column "**Incident**" contains the term "XML Import" or "XML Import from <import_directory>", where <import_directory> is a directory which contained that imported XML file.

Warning: The membership of objects in logical groups mentioned in [MEMBEROFLOGGROUP](#) section of XML file has a specific behaviour in XML Import. It always replaces the previous list of logical groups in which the object exists (as if GROUP_ADD = OFF). It searches the logical groups according to UID of object first. If the connection fails it searches the object according to NAME (as if UID_STRICT = OFF).



Related pages:

[D2000 XML](#)
[Import parameters](#)
[Import from CNF](#)
[Description of XML Import](#)