

# XML Repository

**XML Repository** ensures a development and storage of information about the versions of D2000 System objects by **WinCVS software**.

The objects are stored in the form of [XML files with CVS tags](#) in XML Repository.  
The objects of D2000 System with CVS version contains the [CVS attributes of object](#).

## Main requirement

XML files, usable for XML Repository, must contain the CVS tags, minimally in the form without values.  
WinCVS ensures the editing of CVS tag values during an action **Update to HEAD** and **Commit selected**.  
Any manual intervention in CVS tag values in XML file are permitted. It could distort the functionality of XML Repository!  
CVS Server and D2000 Server must be time-synchronized because of the comparison of the CVS date with object modification time!

[XML Import](#) of XML files without CVS tags cancels any CVS information about object, if it contains any.

## XML Repository functionality

XML Repository is activated when the option [XML Repository in active state](#) is checked off.  
After editing of the object it will be exported to XML Repository directory according to [export settings](#).

## Usage of XML Repository:

Action	Function	Module opens
Before the action <a href="#">XML Import from CNF</a> is initialized.	<a href="#">Comparison of XML files with object configuration</a> .	Always
Before the editing of object from <a href="#">processes</a> .	<a href="#">Comparison of object configuration with XML Repository</a> .	When data are different
Comparison of <a href="#">object list</a> with XML Repository.		Always
Data comparison of pair in CVS information window.	<a href="#">Displaying of the differences between XML file and object configuration</a> .	Always

**Note:** Although the object configuration is not in the form of XML files in XML Repository before the editing of object from processes and the option [Open CVS dialog at editing if the object does not exist in XML Repository](#) is checked off, the CVS information window will display.



### Related pages:

- [D2000 XML](#)
- [XML Repository settings](#)
- [Evaluation of information](#)
- [Module to display information from a comparison](#)
- [Description of XML Repository](#)