

# XML - CSV Conversion Support

## XML <-> CSV conversion

The programs converting XML files to CSV files and vice-versa are placed in a subdirectory **bin** in the [installation directory](#) of D2000 System.

The conversion programs are following:

- **xmltocsv.exe** - converts the directory of **XML** files (or single XML file) to directory of **CSV** files
- **csvtoxml.exe** - converts the directory of **CSV** files (or single CSV file) to directory of **XML** files

The CSV files may be imported through [Import from CNF](#).

### Conversion of XML files directory to CSV files directory

---

Syntax: **xmltocsv** <xml\_dir\_or\_file> <csv\_dir>

The characteristics:

- number of CSV files depends on number of object types represented by XML files (by value of <Type> element in XML file)
- name of CSV file consists of the name of object type (CSV file contains its configuration), and a suffix csv (e.g. USER.csv)
- [binary files](#) are copied from XML directory into CSV directory under the name <object\_name>\_<nesting>.bin

### Conversion of CSV files directory to XML files directory

---

Syntax: **csvtoxml** <csv\_dir\_or\_file> <xml\_dir> [ UTF8\_ENC = TRUE | FALSE ]

The characteristics:

- number of XML files depends on number of objects existing in CSV files of CSV directory
- name of XML file consists of the object name and suffix xml (e.g. Admin.xml)
- [binary files](#) are copied from CVS directory into XML file under the name *ObjectName\_ValueOfAttributeOfRawDataVcsvType.bin*
- the conversion to XML can be in utf-8 or windows-1250 encoding (default UTF8\_ENC = TRUE)



#### Related pages:

[D2000 XML](#)  
[Import from CNF](#)  
[CSV data specification](#)