

Specifications

Files

WT-MakeList is an executable (.exe) file. Language resources are handled in an ASCII file. Configuration parameters can be included in an ASCII configuration file.

Executable: WTMakeList.exe
Resource file: WT-MakeList.res
Configuration file: WT-MakeList.cfg

Main Functionality

The main functionality is to generically import externally made (e.g. by ^{3rd} party applications) Tool List data into a *WinTool* Tool List.

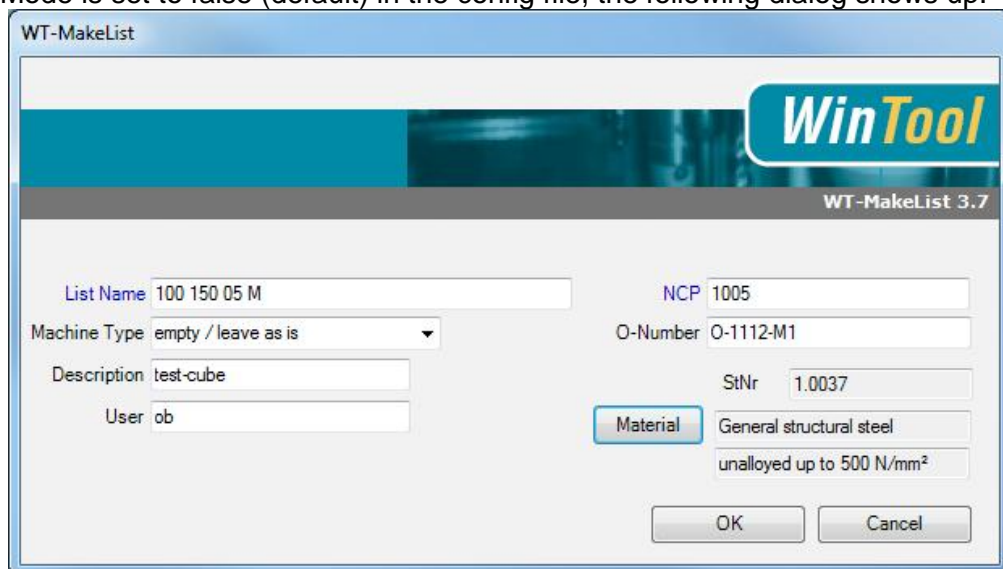
Application Usage

Requirements

- Installed *WinTool* version >= WinTool 2004
- Windows 2000 and above

User Interface

If QuietMode is set to false (default) in the config file, the following dialog shows up:



List Name: *WinTool* Tool List name
NCP: *WinTool* NC Program name
O-Number *WinTool* Order number
MachineType: corresponding *WinTool* machine type
If a *WinTool* machine type with the name of the machine chosen in the CAM system exists, it will be suggested, else it has to be selected manually.
If no machine type is specified and the Tool List already exists in *WinTool*, the already stored machine type is preserved
Material: Selected material. The button "Material" opens the material selection window
(material norm, number and description is displayed)
Description: Tool List description
User: User Name (specified in TLS file)
(If not specified, the Windows user name is used)

Importing a ToolList

By pressing the OK button the Tool List will be imported into *WinTool*

If the selected machine type is configured as “T-Number = Ident-Nr”, the Ident-Nr is filled in as T-Number as well.

Configuration

WT-MakeList can be configured in the file **WT-MakeList.cfg**. Open the file with a text editor.

Interface operation control

T-Prefix =

If this Parameter is set, the given prefix is subtracted from the beginning of the imported tool ID.

Example:

`T-Prefix = ID`

When importing a Tool Assembly Named “ID616121” from the CAM-system it is imported into WinTool as “616121”.

Default: empty

QuietMode =

`QuietMode = false`

If QuietMode is set to false, the Interface shows up. **(Default)**

`QuietMode = true`

If everything needed is supplied in the .tls-file the Interface is suppressed.

`QuietMode = append`

Same as QuietMode = true – additionally if a ToolList already exists, the Tool Assemblies are appended

`QuietMode = overwrite`

Same as QuietMode = true – additionally if a ToolList already exists, the Tool Assemblies are overwritten

Tool list data configuration

The value of the tool list data fields **List Name**, **NCP**, **O-Number**, **Material**, **Description** can be configured to use the data in the [Data] section of the tls file.

This section contains variables which come from the CAM system, e.g

CAM_Process_Number=1234_567

The configuration uses the following syntax:

- Strings (character sequence): "AString"
- Variable from [Data] section. The names are case insensitive: [CAM_Process_Number]
- Substring of a variable when using the function "Sub":
 - § Sub(Variable, *StartIndex*, *EndIndex*). The indexes start with 1.
 - § *StartIndex*= Position of first character for the new string. Value is > 0
 - § *EndIndex*= Position of last character for the new string. Value is > 0
 - Example: Sub([CAM_Process_Number], 1, 5) returns the string "1234_"
 - § Sub(Variable, *SubstringIndex*, '*SplitCharacter*').
 - The variable data is divided by the *SplitCharacter* into substrings. The *SubstringIndex* selects the substring. It starts with 1.
 - § *SubstringIndex* = Selects the substring to return. Value is > 0
 - § '*SplitCharacter*' = A single character which splits the variable data
 - Example: Sub([CAM_Process_Number], 2, '_') returns the string "567"
- Concatenation of strings, variables and function "Sub": &

If activated, the following parameters are used to fill the data fields in WT-MakeList:

ToolListsIdent =

Configuration of List Name

ToolListsDescript =

Configuration of Description

ToolListsNCP =

Configuration of NCP

ToolListsOrder =

Configuration of O-Number

MaterialNorm =

Configuration of MaterialNorm (e.g "StNr"). Used in combination with MaterialNormValue.

MaterialNormValue =

Configuration of MaterialNormValue (Material number, e.g 1.0037).

Example:

ToolListsIdent = [WORK_NR] & "-" & [POS_NR] & "-" & Sub([CAM_Operation], 1, '_') & "-" & Sub([ProgName], 1, 10)

Program specific variables

NC Program specific variable support is activated if the variable [ProgName] ends with "_#", where the # stands for a number >0. In this case, if a variable ends with the same number "_#", it will be used.

The configuration of the tool list data doesn't have to be adjusted to use the program specific variables, this happens automatically.

RemoveProgNumber =

- True: Remove the "_#" in the variable [ProgName]. It won't be visible in WT-MakeList
- False (**Default**): Doesn't remove the "_#".

History

Version 3.7 (14.01.11)

- #2640: Corrected reading of UI strings
- #2641: Added fields O-Number and Material to tls format
- #2762: Added material selection window
- #2763: Added license check for *WinTool* 2010
- #2764: Setting field "Recorded" if *WinTool* 2010 is used
- #2765: Removed cfg settings for *WinTool* database connection
- #2766: Checking if tls file version is suitable for WT-MakeList
- #2768: Added support for configurable tool list data fields
- Supporting tls file version 2.2

Version 3.6 (21.06.10)

- #2539: Updated to ensure compatibility with *WinTool* 2010

Version 3.5 (24.02.09)

- #1723: Field "Description" of ToolList won't get overwritten if updated
- #1724: Revolver, Station und Orientation are imported correctly now
- #1725: Code change in Language Resource handling

Version 3.4 (21.10.08)

- #1560: reading ToolList Position
- #1561: Fields for Station, Turret and Orientation read if available in database
- #1562: WT-MakeList shown in Taskbar

Version 3.3 (30.07.07)

- #1145: changed user / password reading from config-file
- #1146: "ToolListsWho" now imported
- #1147: if no machine is given in tls-file, the first one is used

Version 3.2 (19.06.07)

- If no machine is set in tls-file, T-Nr is used. IF T-Nr isn't set either, Ident is used

Version 3.1 (08.02.07)

- Corrected runtime errors because of missing dlls
- If both who and machine is used they weren't correctly read
- Manually changed description was not written to Tool List
- Improved material selection
- Improved english translation
- Empty lines at end of tls-file caused errors
- Changed design
- Only available machines are being listed
- Integrated status-checking
- Cfg-parameter handling changed from „:“ to „=“
- Implemented QuietMode
- Additional QuietModes: append / overwrite
- Changed Copyright information