



Product:ezlinknc
Version:30120
Codebase:20120305368

Codebase: 20120112364

ezTrack reports

ezippcompare#203 - Report View not opened when importing (Assigned QC)
ezippcompare#45 - Memory Leak due to Comparator not being freed (Assigned QC)
ncconnector#149 - Fidia: Need a Fidia implementation for TUC (Assigned QC)

MSPCC Release Notes

mspcc30854 - Create basic nc-connector and nc-macro layouts for Fidia

Basic work to implement a Fadia NC-Macro and NC-Connector.

mspcc30470 - Write resized splitter width to the config

Dragging the splitter to resize the analysis view now saves the position, allowing the user to drag and resize it. The analysis view will return to this size whenever it is subsequently opened.

mspcc30866 - Implement basic NC-Macro for Fidia for TUC

Implement the bare bones of a Fidia NC-Macro and enhance the NC-Connector with a trigger file mechanism.

mspcc30697 - Memory Leak due to Comparator not being freed

This change fixes a bug where ezLinkNC would free memory incorrectly when closing down.

Codebase: 20120124365

ezTrack reports

ncconnector#149 - Fidia: Need a Fidia implementation for TUC (Assigned QC)

MSPCC Release Notes

mspcc30912 - Minor NC-Connector updates made during TUC visit

Updates to Fidia NC-Connector and some example programs (In NCI 019) following on site testing at TUC.

Codebase: 20120305367

ezTrack reports

- ezippcompare#197** - Multiple ports wanted (Assigned QC)
- ezippcompare#203** - Report View not opened when importing (Assigned QC)
- ezippcompare#207** - Crash in RenCompare 3.01.18 (Assigned PB)
- ezippcompare#214** - ezIPPCompare has been moved (New)
- ncconnector#152** - Demo NC-Connector and new head test operation numbers (Assigned QC)
- ncconnector#153** - Siemens: Unable to delete MSR within MSPINI during new install (Assigned QC)
- ncconnector#155** - Heidenhain: Convert to use templates for all output files (Assigned QC)
- ncconnector#156** - Heidenhain: Defaults suit delcam not MSP (Assigned QC)
- ncconnector#157** - Error handling when running IO_GetProcess (Assigned QC)
- ncconnector#158** - Heidenhain: Don't open TNCcmd DOS box when doing a process trigger test (Assigned QC)
- ncconnector#159** - Output of decimal places for rotation angles (Assigned QC)
- ncconnector#160** - Fidia: For McLaren need a scheme to probe in the rotated coordinate system (Assigned QC)
- ncconnector#161** - Fidia: Add process triggering (Assigned QC)

MSPCC Release Notes

mstpcc31042 - NC-Connector work for Heidenhain and standardise process trigger ids

Updates to the Heidenhain NC-Connector to use templates for outputs as this is both simpler and more flexible when tuning to a specific machine tool.

The NC-Connector now supports multiple directories for the macro / tapefile validation.

mstpcc31152 - Fidia NC-Connector apply MSPROT as a G330 when running IO_GetMSR

Fidia NC-Connector now allows a G330 record in the input. No data is given in the G330 it is just a control word to tell the MSR import to read the msprot.cnc from the controller and convert the measured points into the local (probing) coordinate system. This allows probing in a rotated coordinate system.

The NC-Connector also supports process triggering and very simple synchronisation.

mstpcc31053 - Add mspMill.dll skeleton project and move ezIPPCompare from prd to MOD

This putback introduces a new project to the products directory which will be used to implement functionality to the AriesMill project.
Re-organised internal projects in order to streamline the development process.

mstpcc31092 - added GC socket code

- added generic controller socket classes to MSP builds

mstpcc31192 - Update Demo NC-Connector to support new Head Axis Performance processes

- Play the sphere probing video for the Head Axis Performance process within

the Demo NC-Connector

mspcc31058 - NC-Products for Heidenhain development at Renishaw

Heidenhain NC-Connector no longer opens a DOS window every time it checks for a process trigger.

The Heidenhain NC-Macro has been enhanced to allow the sphere macro to work at any head angle. Also a new technique has been developed to allow probing when M128 is active, this allows probing in an already rotated coordinate system.

The Heidenhain controller does not actually allow probing in M128 and so a complex work around has been developed to better support users with this controller.

mspcc31197 - Rename standard Siemens programs and add process triggering

MSP Standard Siemens programs now renamed to be 8 characters or less to avoid problems when the programs are UNLOADED. All standard programs now process trigger via a new action in MSPMC_ACT_SPF which is a wrapper to MSPPRC, this allows all triggering to be commented out by editing one line in this file.

MSPINI displays a better message when MSPDATA_WPD cannot be found

The Siemens NC-Connector now outputs rotations to 7 decimal places as this gives greater accuracy on very large machine tools.

mspcc30838 - allow RenCompare to use multiple clients

Add new feature to RenCompare that allows it to handle multiple client connections. This feature is controlled through the configuration file using the following items:

```
[SERVER]
PORTS=1294
1294=IPLUSPLUS
```

to specify more Ports add them to "PORTS", separated by commas
e.g.
PORTS=1294,1295,1296

further to this each Port must be defined as an IPLUSPLUS port, like so:
1294=IPLUSPLUS
1295=IPLUSPLUS
1296=IPLUSPLUS

RenCompare does not support simultaneous writes from clients and it is the responsibility of the Clients to ensure they do not send data at the same time.

mspcc30775 - Improve code maintenance

Internal code changes allowing developers to better monitor product stability.

mspcc31211 - Improve process triggering error handling, and add to all NC-Connectors

Improvements to the message display when the Heidenhain NC-Connector reads

a process ID that does not exist. Enable polling by default in the standard installation. NC-Connectors that do not support polling now display a message to that effect, the first time they are called.