



Product:ezlinknc
Version:30116
Codebase:20110118335

Codebase: 20101026324

ezTrack reports

- ezippcompare#138** - Add Macro Tests (Assigned PB)
- ezippcompare#139** - mspIPPScanDataHDLR test is failing (Assigned QC)
- ncconnector#115** - FTP page not very informative on ATEKs (Assigned QC)
- ncconnector#117** - WaterJet: Change to support MSPTOL never putback (Assigned QC)

MSPCC Release Notes

mspcc28718 - Add macro tests and investigate timing test failures

- Improved the efficiency of data output with particular regard to setups that use Coordinate System Transformations (e.g. PartCsy).
- Improved internal testing scheme

mspcc28785 - Various minor changes to improve messages and overall user experience

Various enhancements to improve messages that the operator sees, to assist them with the flow through the operation. In particular a new global page attribute PageMsg has been added which allows any page to have a message added to it via the standard Runner system. Probe Calibration has been changed to set its messages via this attribute.

Also if a new machine is added then a default set of probe calibration and probe performance attributes are automatically generated into the installation in the DataPathDir/OperationAttribs directory. This prevents an annoying error message and a manual correction of the problem.

Codebase: 20101029325

ezTrack reports

- ezippcompare#120** - Diagnostic Mode required within EZLinkNC + ezIPPCcompare (Assigned QC)
- ezippcompare#129** - ezLinkNCIPPMGR::m_uccMGR needs an access method (Assigned QC)
- ezippcompare#137** - ScanOnCurve() during comparison mode limits Speed to 100mm/s (Assigned QC)
- ezippcompare#140** - Require more information from Export data (Assigned QC)
- ncconnector#114** - Siemens: logic error in offline mode (Assigned QC)

MSPCC Release Notes

mspcc28817 - Correct offline code logic in Siemens ncconnector

- Fixed code logic error when running the Siemens840d and Heidenhain NC-Connectors in offline mode.

mspcc28819 - ScanOnCurve() during comparison mode limits Speed to 100mm/s

Removed restriction imposed by RenCompare that caused speeds above 100mm/s to error out in ScanOnCurve. Any Speed is now acceptable, it is up to the Server to validate it against its current tool.

mspcc28760 - Import data from ezLinkNC IPP Export

- Added the ability to Import a previously Exported data set, this is shown as a table of Errors in the 'Analysis' view tab.

- Added more information to the Export file, this now includes the Error that RenCompare calculated and a data set for the Measure in its uncalibrated State (if there is a calibrate step used) and in its un-corrected state.

Codebase: 20101102326

ezTrack reports

ezippcompare#142 - mspScatterGraph Utest is failing (Assigned PB)

MSPCC Release Notes

mspcc28816 - mspScatterGraph is failing

Improve internal testing, with regards to tracking efficiency

Codebase: 20101223329

ezTrack reports

ezippcompare#104 - Handling OnReport() commands (Assigned PB)

ezippcompare#109 - Issues connecting to different I++ clients (Assigned QC)

ezippcompare#141 - RenCompare splash screen does not disappear until after being clicked (Assigned QC)

ezippcompare#143 - Equator Work review 04112010 (Assigned QC)

ezippcompare#144 - ezIPPCompare thinks RenCompare is ezLinkNC (Assigned QC)

ezippcompare#146 - Remove Master Data result UserMessages (Assigned QC)

ezippcompare#59 - RWCompare Syntax - Parameter omission (Assigned QC)

ncconnector#118 - Better 'probe part page' and 'alignment uploaded page' for 2010r4 (Assigned QC)

ncconnector#119 - Problem with good to image when alignment is deleted (Assigned QC)

ncconnector#121 - Heidenhain fails to run command script (Assigned QC)

ncconnector#124 - HAAS/FANUC program upload (Assigned CLH)

ncconnector#125 - Add process triggering to HAAS (Assigned QC)

ncconnector#127 - Siemens: MSPHOF failed at BAE (Assigned QC)

MSPCC Release Notes

mspcc28934 - RWCompare needs State() to be optional

Allow RWCompare(Action(End)) to be sent to cancel any current unknown mode.

This can be used upon connection when the current state of the comparator is unknown, like EndSession().

mspcc28935 - Correct PtMeas Data Handling

Fix bug in PtMeas where only X,Y,Z,IJK and ER data was recorded

Fix Bug in PtMeas where data was reported using the OnScanReport() format rather than the onPtMeasReport() format

mspcc28947 - Pre-release updates for 2010r4

Updated Mercedes Test Piece CAD models for part and fixture and restored transparency to allow whiskers to be seen for negative material.

Resolved previous part CAD graphics been left behind when selecting a part then choosing to select a different part.

Resolved local path issues with the Heidenhain NC-Connector due to spaces

mspcc28929 - Allow probe calibration to skip over stage 2, write LocateSphere

Probe calibration has been modified to allow the Stage2 (probe length) to be skipped, this is for specialised machines where only the effective radius is calculated.

DeleteAlignment has been improved by the addition of custom images and messages that make it clear the alignment has been invalidated.

A new operation LocateSphere has been added which creates an alignment at the centre of of sphere, which is activated via the MSPROT call in OMV.

mspcc29042 - HAAS notes and updates to serial code

HAAS serial pages are now more robust, they retry if a variable read fails because it could be a timing issue if the variable has just been written.

Notes added for the oddities of the controller.

mspcc28878 - Add Meeting notes for Equator work

Conduct Equator Work review to assess state of project

mspcc29025 - Further work on FANUC serial port ncconnector (upload macro variables)

Further work on the FANUC NC-Macro which adds process triggering, synchronisation and interpolation of the moves around a sphere.

mspcc28879 - Splash screens do not disappear until after being clicked when starting up minimised

- Fixed Equator launch issue regarding the splash screen failing to disappear when restoring RenCompare after it being forced to start-up minimised. This was a bug affecting all products and is now considered to be functioning as expected.

- Various improvements to how splash screens are handled, including the ability to show splash screens when starting the program silently which was not possible before this work.

mspcc28979 - Improve NCConnector serial pages for FANUC type

machines

The start of work to add process triggering to HAAS controllers, this allows a macro variable to be read via the serial cable. Further work is needed to implement the IO_GetProcess NC-Connector task and also to send back data to the controller.

mspcc28900 - Enhance probe part and alignment uploaded images

- Enhanced the probe part and alignment uploaded pages to include an image to visually clarify the action required.
- Clarified the alignment uploaded message to incorporate the alignment is ready to be used.

mspcc29055 - UserMessage for Master Data does not report Invalid points correctly

- Removed Master Data points and error user messages from being displayed in the command logger which caused a noticeable and unnecessary delay. Points and error values are available to a user via the export functionality and the generated reports.

mspcc29065 - Updates for project 0151 (BAE 430) NCMacros

Create custom programs for BAE 430 building which use NC-Macro to implement Probe Cal, Probe Performance, Probe Repeatability and Load/Unload.

Written in a generic way so that both machines are supported.

mspcc28950 - Improve GetExeFile so ezIPPCompare DLL can use the correct config

- Fix bug which was causing RenCompare to read/write from/to the incorrect configuration file.

mspcc28933 - Handle OnReport() silently

Implement system that allows Clients to connect without knowing the OnScanReport() and OnPtMeasReport() requirements.

Codebase: 20110110331

ezTrack reports

ezippcompare#70 - Setting an OnReport() to give Tool.A causes a crash (Assigned QC)

MSPCC Release Notes

mspcc29091 - fix KeyTwo Crash in Point Handling

Fixed Crash where requesting Tool.A or Tool.B from OnScanReport() and OnPtMeasReport() caused a crash when measurement commands completed in either Master or Measure mode.

Codebase: 20110114332

ezTrack reports

ncconnector#126 - Updates to maztrol, fanuc, haas (Assigned QC)

MSPCC Release Notes

mspcc29078 - Standardise Mazatrol NC-Connector

Standardised the Mazatrol NC-Connector so that it can be used as a Fanuc or HAAS connector. This rework includes:

- Use of Templates to make it easier to tune the format of the output.
- A PMPPost option
- Enhancements to the NC-Connector configuration page to allow the Name to be edited, options to use PMPPost, setting template names and enable uploading via HAAS serial pages.

Codebase: 20110117334

ezTrack reports

ezippcompare#151 - Update dll to 4.40.01 (Assigned PB)

MSPCC Release Notes

mspcc29187 - Update ezIPPCompare dll to 4.40.01

- Create latest version of the ezIPPCompare dll
- Improve internal testing of dll

Codebase: 20110118335

ezTrack reports

ezippcompare#152 - Redundant TMP files created as part of installation (Assigned QC)

MSPCC Release Notes

mspcc29205 - Resolve redundant temporary file as part of installation

- Resolved redundant temporary file been created during the installation