



Integr8tor v2020.12

Code changes and fixes

We have taken great care in fixing the items below for you and hope this will contribute to an even better user experience.

- When an archive contains multiple Gerber job files, the one with the most recent timestamp is selected for further processing
- Certain .zip archives could fail to decompress with the message “Password required?”, although the archive was not password-protected. These zips can now be decompressed without any issues
- On some data sets, the PDF generation of the layer images could take abnormally long or was unable to complete. This has been addressed
- Gerberjob files were not read in in case the archive contained an ODB++ data set. This has been fixed
- RegionMaker could fail to contourize small areas of painted data and has been further refined to take these situations correctly into account
- A very specific flavor of Excellon files could cause a “Process got terminated unexpectedly” during drill import. This is no longer the case and the Excellon variant is now processed correctly
- Changing the owner of a job could trigger it to go into Design Analysis. This is no longer the case
- The combination of an incorrect automatic layer registration and the snapping of copper pads to drill holes could cause certain pads to be off the corresponding drill hole after the layers had been correctly aligned manually. This problem has been attended to
- Outline detection could sometimes miss the presence of the assembly panel technical borders in the incoming data, producing an outline which was too small. Outline recognition has been sophisticated to take these cases into account
- In installations with a lot of simultaneous cockpit users (20+), CPU usage on the Integr8tor server could be exceptionally high. The residual CPU load of the WebServer process has been reduced to bring CPU usage to a standard level
- The QED.XML could be erased from its original location after it had been exported. This is no longer the case
- The QPCB file name convention recognition has been refined to achieve a higher first pass automatic stack-up recognition
- Extensionless OpenOfficeXML-zipped files were not recognized as archives. This has been corrected
- NPTH slots hitting functional copper are now reported in the QED PDF anomaly section
- Modifications made to one or more tools done via the Drill Editor could fail to be taken into account in case of double drill hits in the drill data
- An issue has been corrected where the solder mask ring on solder mask-defined copper pads was incorrectly reported as zero
- Tool diameter adjustment using a VHS script at the time of Job Submit / Job Resubmit was no longer working. This functionality has been restored

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