



Working group meeting

Cologne 11.12.2019

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Update FEMFAT Visualizer



- Implementation of standard 3.0 for 1D welding connection for
 - Butt joint
 - Corner Weld
 - Edge Weld
 - I-Weld
 - Overlap Weld (with one small exception “Single Sided Double”)
 - Y-Joint
 - Flared-Joint
 - Cruciform Joint

Missing joints are not implemented in the FEMFAT database yet. Therefore these joints are not supported by now. If not supported welds are necessary please contact Dr. Gaier or myself!

Update FEMFAT Visualizer



- Improved path search algorithm for weld seams implemented
 - Better recognition for low resolution splines
 - Speed improvements by adaptive tolerance search algorithm
- APP data block support for different FEMFAT specific definition types. Documentation will be available in the documentation in the next version.

Update FEMFAT Visualizer



- Modification of the XSD table. Increase of usability and handling.
 - If APP data is defined automatic recognition of corresponding seams
 - Highlighting of not recognized/defined welds
 - Sorting by different weld parameters possible

Update FEMFAT Visualizer



- Improved weld handling in the visualizer
 - Better grouping of the different seams
 - Easy hide/display option for seams or groups of seams
 - Display of failed seams for faster modification and error handling
 - “One klick” delete or check button for faster definition
 - “Fly to seam” of the current active weld seam
 - and many more



DRIVING **EXCELLENCE.**
INSPIRING **INNOVATION.**

FEMFAT software