

Tekla Structures Developer Kit Release Notes



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1 Introduction

This document describes the changes in Tekla Structures developer-kit 20.1 since the previous version 20.0.

2 Changed compiler

Important: The compiler version has changed since Tekla Structures 20.1. The libraries are now built with Microsoft Visual Studio 2013. This means that all user applications must also be built with Microsoft Visual Studio 2013.

New or changed functionality

clist_types.h

 $\begin{tabular}{ll} \textbf{Modified struct: } \verb|list_item_t|. \end{tabular}$

geometry.hpp

New enum PointPolygonSpatialRelation.

New functions: CurveToPolyline, GetOutlinePolygon, GetPointPolygonSpatialRelation.

Changed return type: PointIn2DPolygon. Was int, now bool.

Modified struct: line list t.

Modified struct: list_point_t.

Removed method: Sort. Use toolArray c Sort in tool_sort_template.hpp instead.

Removed implicit conversion operator from <code>DString_c</code> to <code>const char *. You must now explicitly call <code>DString c::GetSafeString instead.</code></code>

New function: toolArray_c_Sort.

Renamed function: was open shared, now fopen shared ptr.

New functions: CreateTempDirectory

Changed parameters: ParseDirectoriesIntoList.

Changed return types: GetSystemFiles, GetFileFullPath.

tool_time.h

 $\label{lem:condition} \textbf{Replaced class} \; \texttt{ScopedTimer_c} \; \textbf{with} \; \texttt{Timer_c}.$

4 Added header files

None

5 Removed header files

None