

inVRs - Bug #24

Update gmtl version to get rid of compiler warnings

09/26/2010 11:54 PM - Johannes Zarl-Zierl

Status:	Closed	Start date:	09/26/2010
Priority:	Low	Due date:	
Assignee:	Johannes Zarl-Zierl	% Done:	100%
Category:	inVRs (whole framework)	Estimated time:	0.00 hour
Target version:	V1.0 Alpha6 release		
Resolution:	fixed		
Description			
<p>GMTL version 0.5.4 causes a lot of compiler warnings with g++ version "g++ (Debian 4.4.4-16) 4.4.5". GMTL version 0.6 (or later) seems to fix this.</p> <p>-> determine possible work-window -> introduce a newer gmtl version, once it is possible to do so.</p> <p>A sample of the issued warnings:</p> <p>In file included from /home/zing/Projects/svn/inVRs/external/gmtl-0.5.4/gmtl/AxisAngle.h:38, from /home/zing/Projects/svn/inVRs/src/inVRs/SystemCore/./OutputInterface/./SystemCore/DataTypes.h:39, from /home/zing/Projects/svn/inVRs/src/inVRs/SystemCore/./OutputInterface/ModelInterface.h:42, from /home/zing/Projects/svn/inVRs/src/inVRs/SystemCore/./OutputInterface/SceneGraphInterface.h:40, from /home/zing/Projects/svn/inVRs/src/inVRs/SystemCore/SystemCore.h:40, from /home/zing/Projects/svn/inVRs/external/ufo/inVRs/Modules/Steering/Steering.cpp:3: /home/zing/Projects/svn/inVRs/external/gmtl-0.5.4/gmtl/Math.h: In function 'float gmtl::Math::fastInvSqrt(float)': /home/zing/Projects/svn/inVRs/external/gmtl-0.5.4/gmtl/Math.h:382: warning: dereferencing type-punned pointer will break strict-aliasing rules /home/zing/Projects/svn/inVRs/external/gmtl-0.5.4/gmtl/Math.h:384: warning: dereferencing type-punned pointer will break strict-aliasing rules /home/zing/Projects/svn/inVRs/external/gmtl-0.5.4/gmtl/Math.h: In function 'float gmtl::Math::fastInvSqrt2(float)': /home/zing/Projects/svn/inVRs/external/gmtl-0.5.4/gmtl/Math.h:392: warning: dereferencing type-punned pointer will break strict-aliasing rules /home/zing/Projects/svn/inVRs/external/gmtl-0.5.4/gmtl/Math.h:394: warning: dereferencing type-punned pointer will break strict-aliasing rules /home/zing/Projects/svn/inVRs/external/gmtl-0.5.4/gmtl/Math.h: In function 'float gmtl::Math::fastInvSqrt3(float)': /home/zing/Projects/svn/inVRs/external/gmtl-0.5.4/gmtl/Math.h:403: warning: dereferencing type-punned pointer will break strict-aliasing rules /home/zing/Projects/svn/inVRs/external/gmtl-0.5.4/gmtl/Math.h:405: warning: dereferencing type-punned pointer will break strict-aliasing rules In file included from /home/zing/Projects/svn/inVRs/external/ufo/inVRs/Modules/Steering/Steering.cpp:7: /home/zing/Projects/svn/inVRs/src/inVRs/SystemCore/UtilityFunctions.h: In function 'bool copyFile(const std::string&, std::string)': /home/zing/Projects/svn/inVRs/src/inVRs/SystemCore/UtilityFunctions.h:144: warning: comparison between signed and unsigned integer expressions /home/zing/Projects/svn/inVRs/src/inVRs/SystemCore/UtilityFunctions.h:153: warning: comparison between signed and unsigned integer expressions</p>			
History			
#1 - 11/05/2010 07:39 PM - Johannes Zarl-Zierl			
- % Done changed from 0 to 60			

Gmtl 0.6.1 has been added in revision r2168.

#2 - 12/07/2010 10:29 PM - Johannes Zarl-Zierl

- *Status changed from In Progress to Closed*
- *% Done changed from 60 to 100*
- *Resolution set to fixed*

Default since revision r2182.