
Subject: Re: Painter 2.0

Posted by [emr84](#) on Fri, 13 Feb 2009 23:31:22 GMT

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When I tried to compile PainterExamples (on Windows XP with mingw, Debug mode) in svn 861:

Quote:----- Painter (GUI GCC DEBUG DEBUG_FULL BLITZ WIN32) (2 / 10)

BLITZ: Painter.cpp PainterPath.cpp FontWin32.cpp FontX11.cpp DrawOp.cpp Painting.cpp

Math.cpp Xform2D.cpp Approximate.c

pp Stroker.cpp Dasher.cpp Transformer.cpp Interpolator.cpp Rasterizer.cpp RasterizerClip.cpp

Path.cpp Context.cpp I

mage.cpp Mask.cpp Gradient.cpp RadialGradient.cpp

In file included from C:\uppsvn\out\Painter\MINGW.Debug.Debug_full.Gui\blitz.cpp: 27:

C:\uppsvn\uppsrc\Painter\Math.cpp: In function 'Upp::Pointf Upp::Mid(const Upp::Pointf&, const Upp::Pointf&)':

C:\uppsvn\uppsrc\Painter\Math.cpp:12: error: ISO C++ says that these are ambiguous, even though the worst conversion fo

r the first is better than the worst conversion for the second:

C:\uppsvn\uppsrc\Core\Gtypes.h:148: note: candidate 1: Upp::Point_<double>

Upp::operator/(Upp::Point_<double>, double)

C:\uppsvn\uppsrc\Core\Gtypes.h:148: note: candidate 2: Upp::Point_<int>

Upp::operator/(Upp::Point_<int>, int)

In file included from C:\uppsvn\out\Painter\MINGW.Debug.Debug_full.Gui\blitz.cpp: 31:

C:\uppsvn\uppsrc\Painter\Xform2D.cpp: In member function 'bool Upp::Xform2D::IsRegular() const':

C:\uppsvn\uppsrc\Painter\Xform2D.cpp:24: error: call of overloaded 'abs(double)' is ambiguous

C:\uppsvn\mingw\include\stdlib.h:369: note: candidates are: int abs(int)

C:\uppsvn\uppsrc\Core\Core.h:484: note: Upp::int64 abs(Upp::int64)

C:\uppsvn\uppsrc\Painter\Xform2D.cpp:24: error: call of overloaded 'abs(const double&)' is ambiguous

C:\uppsvn\mingw\include\stdlib.h:369: note: candidates are: int abs(int)

C:\uppsvn\uppsrc\Core\Core.h:484: note: Upp::int64 abs(Upp::int64)

In file included from C:\uppsvn\out\Painter\MINGW.Debug.Debug_full.Gui\blitz.cpp: 35:

C:\uppsvn\uppsrc\Painter\Approximate.cpp: In function 'void

Upp::ApproximateArc(Upp::LinearPathConsumer&, const Upp::Po

intf&, const Upp::Pointf&, double, double, double)':

C:\uppsvn\uppsrc\Painter\Approximate.cpp:78: error: call of overloaded 'abs(double)' is ambiguous

C:\uppsvn\mingw\include\stdlib.h:369: note: candidates are: int abs(int)

C:\uppsvn\uppsrc\Core\Core.h:484: note: Upp::int64 abs(Upp::int64)

In file included from C:\uppsvn\out\Painter\MINGW.Debug.Debug_full.Gui\blitz.cpp: 72:

C:\uppsvn\uppsrc\Painter\Path.cpp: In member function 'virtual void

Upp::BufferPainter::QuadraticOp(const Upp::Pointf&, bool)':

C:\uppsvn\uppsrc\Painter\Path.cpp:73: error: ISO C++ says that these are ambiguous, even though the worst conversion fo

r the first is better than the worst conversion for the second:

C:\uppsvn\uppsrc\Core\Gtypes.h:146: note: candidate 1: Upp::Point_<double>

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Upp::operator*(double, Upp::Point_<double>)
C:\uppsvn\uppsrc\Core/Gtypes.h:146: note: candidate 2: Upp::Point_<int> Upp::operator*(int,
Upp::Point_<int>)
C:\uppsvn\uppsrc\Painter\Path.cpp: In member function 'virtual void
Upp::BufferPainter::CubicOp(const Upp::Pointf&, con
st Upp::Pointf&, bool)':
C:\uppsvn\uppsrc\Painter\Path.cpp:87: error: ISO C++ says that these are ambiguous, even
though the worst conversion fo
r the first is better than the worst conversion for the second:
C:\uppsvn\uppsrc\Core/Gtypes.h:146: note: candidate 1: Upp::Point_<double>
Upp::operator*(double, Upp::Point_<double>)
C:\uppsvn\uppsrc\Core/Gtypes.h:146: note: candidate 2: Upp::Point_<int> Upp::operator*(int,
Upp::Point_<int>)
Fillers.cpp
Render.cpp
PaintPainting.icpp
Painter: 24 file(s) built in (0:15.37), 640 msec / file, duration = 16047 msec
```

There were errors. (2:43.95)
