

Information Coding / Computer Graphics, ISY, LiTH

Debugging

There is no debugger! You must use other tricks!

- Compiler error messages
- Signals using vertex shader
- Signals using fragment shader
- Use simple geometry easy to understand



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InfoLog

glGetProgramInfoLog/glGetShaderInfoLog (glGetInfoLogARB)

Retrieves information about compilation and linking results

May include error messages, warnings... The exact contents varies depending on GPU brand.



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Development tools

Shader development directly in large application unreasonable

Simple development shells are used to:

• Edit source code for vertex and fragment shader

- Recompile when desired
- Test the shader on a model
- Display compilation results

I.e. Rendermonkey, OpenGL Shader Builder, and our lab shell for lab 3





