







OpenGL Blending and Compositing

 Must enable blending and pick source and destination factors glEnable(GL BLEND) glBlendFunc(source factor, destination factor) Only certain factors supported -GL ZERO, GL ONE -GL_SRC_ALPHA, GL_ONE_MINUS_SRC_ALPHA -GL DST ALPHA, GL ONE MINUS DST ALPHA - See Redbook for complete list Angel: Interactive Computer Graphics 4E © Addison-Wesley 2005

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Can enable separately for points, lines, or polygons

glEnable(GL_POINT_SMOOTH);
glEnable(GL_LINE_SMOOTH);
glEnable(GL_POLYGON_SMOOTH);

glEnable(GL_BLEND);
glBlendFunc(GL_SRC_ALPHA, GL_ONE_MINUS_SRC_ALPHA);





Applications

- Compositing
- Image Filtering (convolution)
- Whole scene antialiasing
- Motion effects

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