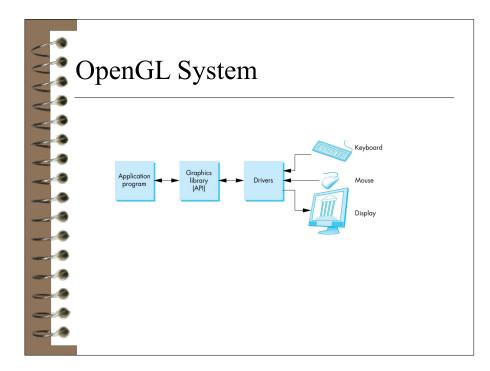
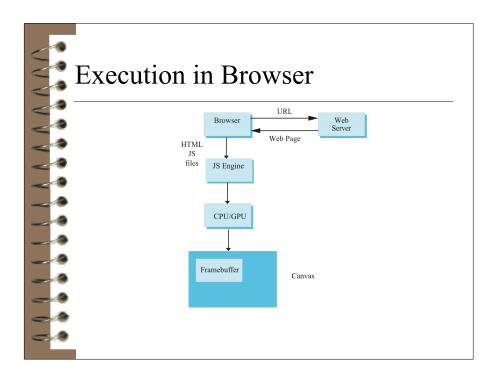


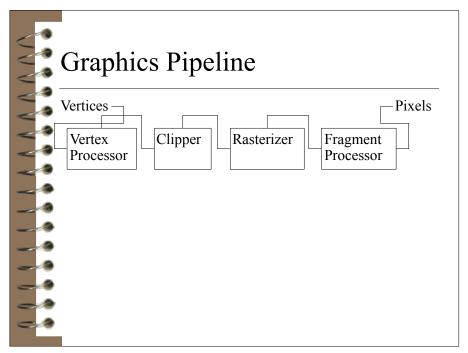
Framebuffer

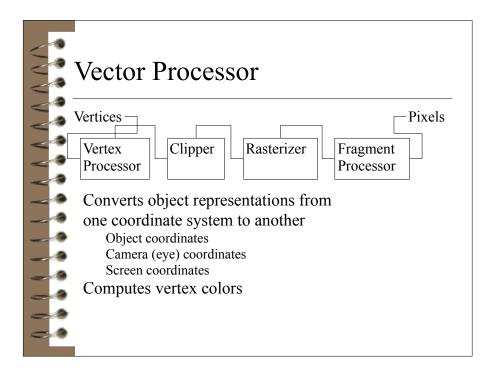
a collection of buffers that can be used as the destination for rendering. OpenGL has two kinds of framebuffers: the <u>Default Framebuffer</u>, which is provided by the <u>OpenGL Context</u>; and usercreated framebuffers called <u>Framebuffer</u> <u>Objects</u> (FBOs). The buffers for default framebuffers are part of the context and usually represent a window or display device.

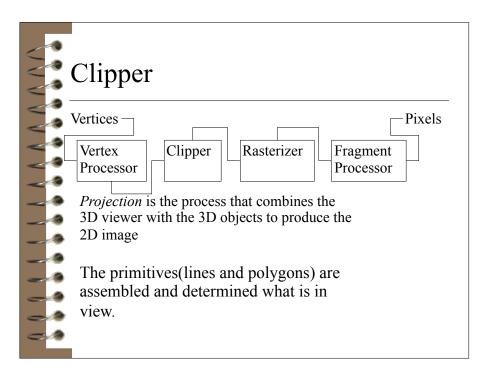
As defined by OpenGL.org

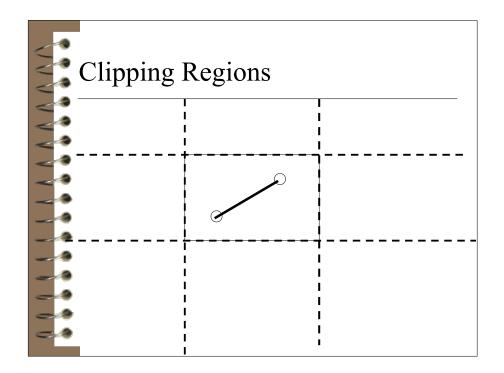


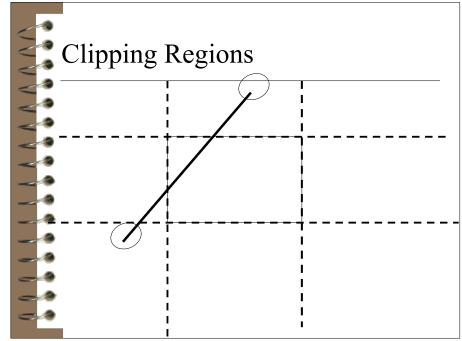


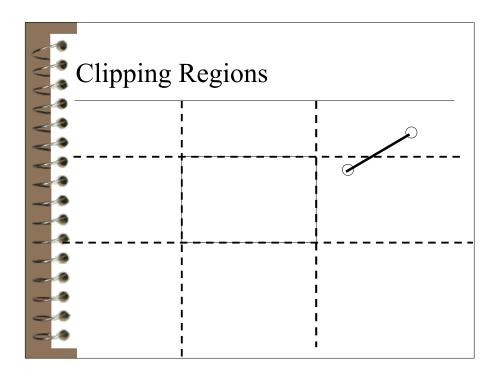


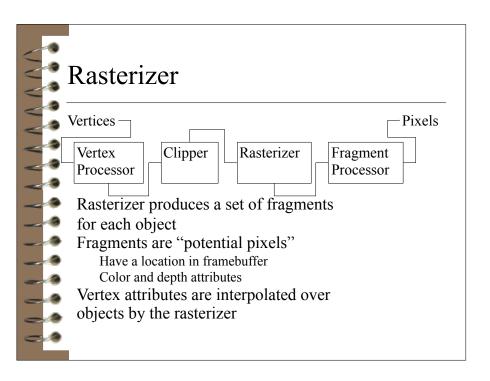


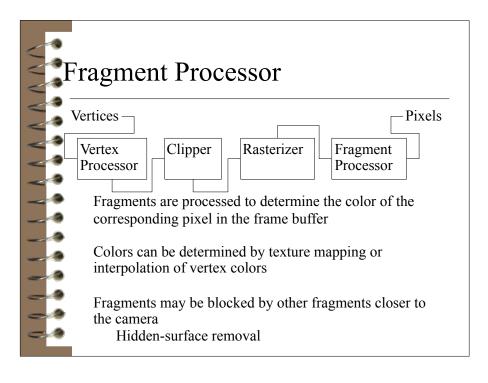


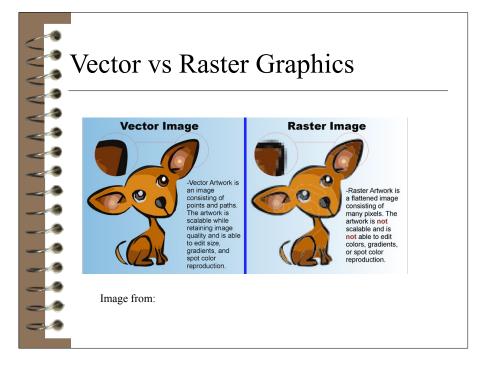


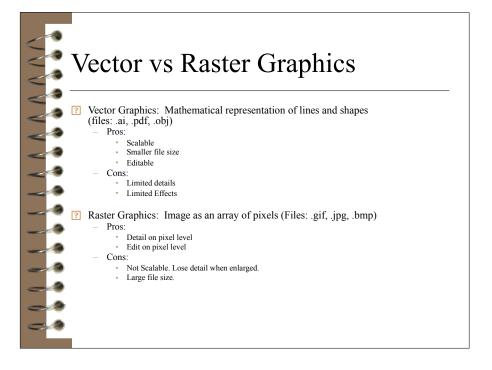












Vector Graphics: Equation of Line

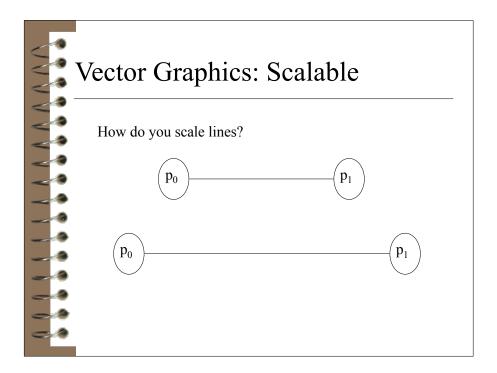
The vector equation of a line containing the points p_0 and p_1 :

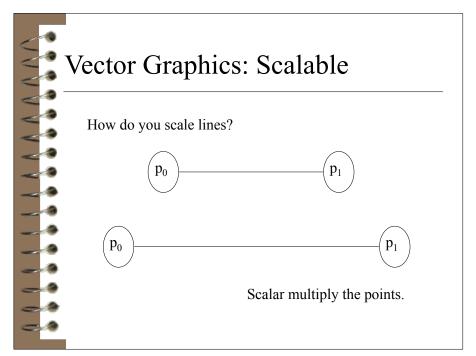
$$s(t) = (p_1 - p_0)t + p_0$$

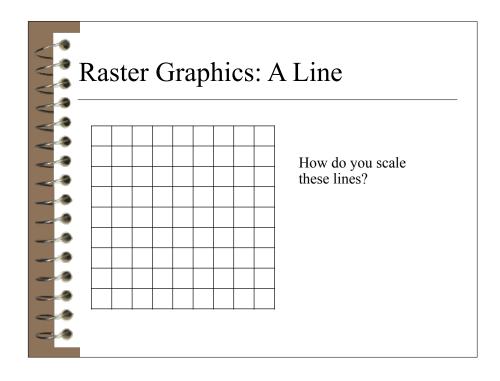
We get the line segment p_0p_1 when we limited t to the interval [0,1].

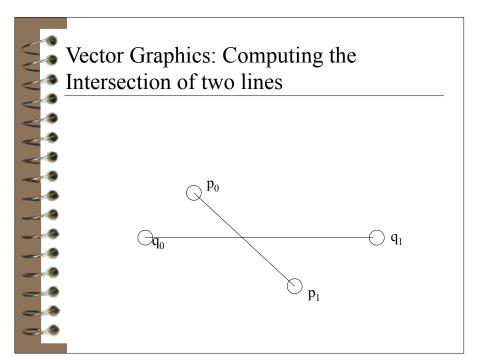


What should be stored to represent this line?





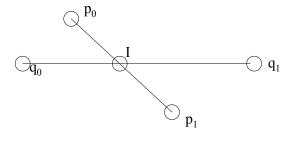




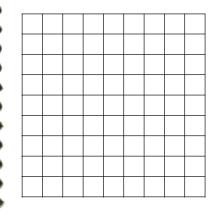
Vector Graphics: Computing the Intersection of two lines

$$I = (p_1 - p_0)t_1 + p_0$$

$$I = (q_1 - q_0)t_1 + q_0$$



Raster Graphics: Intersection



We can "see" this intersection...but how do we compute it?