GP2Generative Programming



Scalable Vector Graphics (SVG)



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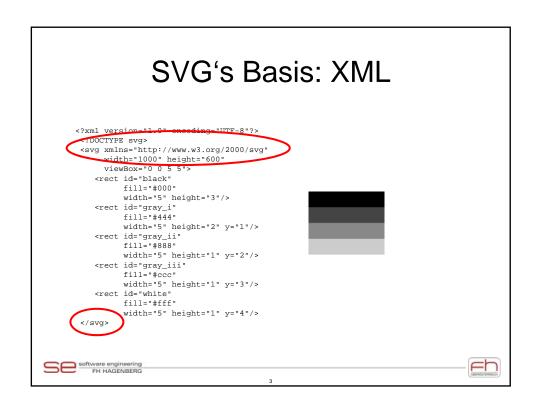
Scalable Vector Graphics

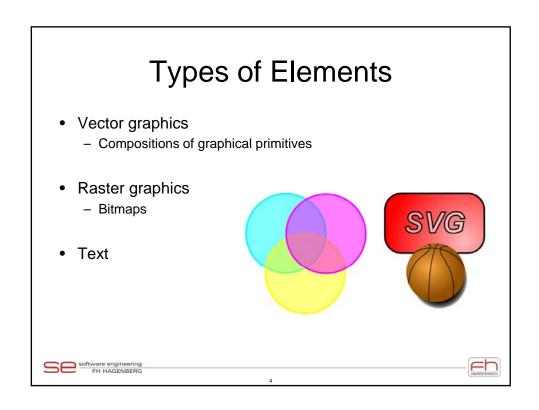
- Standard for describing twodimensional vector graphics
- Published in 2001/09 by W3C
- Supported by most web browsers (except MS IE: Use Adobe's SVG plug-in, e.g.)
- Animations: Synchronized Multimedia Integration Language (SMIL)
- Embedding of scripts is possible





Eh





Graphical Primitives

- Circle
 - <circle cx="100" cy="100" r="50" />



- Ellipse
 - <ellipse cx="100" cy="100" rx="50" ry="20" />



- Rectangle
 - <rect x="100" y="100" width="100" height="200" />



- Line
 - x1="100" y1="100" x2="200" y2="200" />



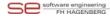


Graphical Primitives

- Polygon
 - <polyline stroke="#000"
 stroke-width="0.1" fill="none"
 points="-2.0 , 2.0 -1.0 ,-1.0
 -0.5 , -0.5 -0.25 , 0.25
 0.0 , -1.5 0.0 , 1.5
 0.25 , -0.25 0.5 , 0.5
 1.0 , 1.0 2.0 , -2.0 "/>



- Text
 - <text x="100" y="100" font-size="40px">
 Hello world!</text>



Fh