

## **Scalable Vector Graphics**

Balasubramanian Narasimhan  
Stanford University

Java and XML (eXtensible Markup Language) promised portable computing and portable data respectively. Scalable Vector Graphics (SVG) is description of 2D graphical objects in XML; it is portable graphics. It is not yet a standard but there is a good deal of activity on SVG at W3 (World Wide Web Consortium). In SVG, graphical objects are described as vector graphic shapes. A high degree of control is provided to enable all kinds of special effects. Interactivity can be added to SVG by either embedding animation elements or by triggering scripts. SVG viewers are available as plug-ins for browsers. The resulting graphics are of superb quality.

This will be an expository talk with demonstrations. I will summarize the state of SVG and provide resources for further exploration.