



COLORADO SCHOOL OF MINES
EARTH ENERGY ENVIRONMENT

JSTS

JavaScript Topology Suite

Introduction

- The **JSTS** Topology Suite is a JavaScript library of spatial predicates and functions for processing geometry conforming to the Simple Features Specification for SQL published by the Open Geospatial Consortium.
- JSTS Topology Suite is also a JavaScript port of the well established Java library **JTS** Topology Suite with a built in parser for **OpenLayers** geometries.

Source: <https://github.com/bjornharrtell/jsts>

SETUP

- JSTS can be obtained at <https://github.com/bjornharrtell/jsts>
- Additional libraries that may be needed:
 - javascript.util.js
 - Part of JSTS
 - attache.array.min.js
 - Part of attache.array.js
 - Available at <https://github.com/olooney/attache-array-js>

Example

- Draw a voronoi tessellation vector layer given the set of points:

`(-105.210492, 39.750589) Home ; -)`

`(-105.222601, 39.751347) CSM`

`(-105.153801, 39.736102) Colorado Mills`

`(-105.223925, 39.742108) Mines Park`

Result

