

October 04 2016

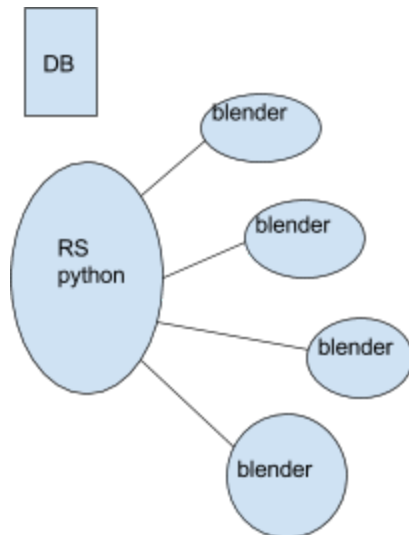
Three parts: front end, back end, output

LLMP -> User will see planet image, select an area they want to navigate, if they select, find a way to get geotiff file. Texture image: where water is. Sample set

Front end: Cesium- different ways to display 2D or 3D, points-angles-time. Come up with a GUI and animation with cesium, use a coarse version. Understand coordinate system.

Leaders must agree on what format : JSON or CSML / material(where sun is) sun location at given time. Spice library

Backend- JSON file, CSML, blender: render server.



Fidel: UX

Khang: Movie generator

Angel: Sun location and Spice

October 06, 2016

Planetary surface flyover movie generator

Today we discussed requirements with the JPL liaisons. Some of the feedback they gave to the current SRS draft is to add a drag and drop points and allow editing of points. To be able to add new waypoints and change the order of existing nodes. Node and edge module where the user

can place nodes as well as edges in a custom order to do a loop on one point. To add a config file on the website to limit the max number of nodes on the front end only. Add functionality to read data from .json file to skip the input stage. Create spice web service with heuristics to cut down the time it takes to simulate the data. Grab json from ui and allow user to save it.

Roll Call

Shawn Anderson

Angel Jimenez

Khang Lam

Christopher Omlor

Hieu Phan

Fidel Izquierdo Jr.

Minutes: 4:30-5:30 pm. We met with the liaisons until 5:10 and created goals for the next meeting until 5:30