Chasing PL II Extruding Circos
Final Project: Interactive 3D Data Visualization
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Concept:
Computer science is a very dynamic field, it has been rapidly changing since its conception and shall continue to do so. Majority of the computer code is written in so-called ‘programming languages’. It is essentially a way of instructing the computer to perform a set of instructions. Over the years these so called programming languages have evolved, some caught on, some did not. Seattle with heavy weight companies like Microsoft an amazon, can possibly a good measure of it. I queried for the most popular languages: Java, C/ C++, Objective C, PHP, Python, Ruby, JavaScript, SQL & Perl.
I may include HTML and CSS for comparison, though they are not exactly programming languages

I will be looking into data from (2005-2013): an 8-year period.

Design:
The design has been inspired by Circos (circos.ca) a data visualization tool used to show relationships. I intend to extrude the circle into a spiral thereby utilizing the third dimension to represent time. I have chosen bright blue for the spiral staircase with fine lines to demarcate the days. Each step represents a month. The background is black.

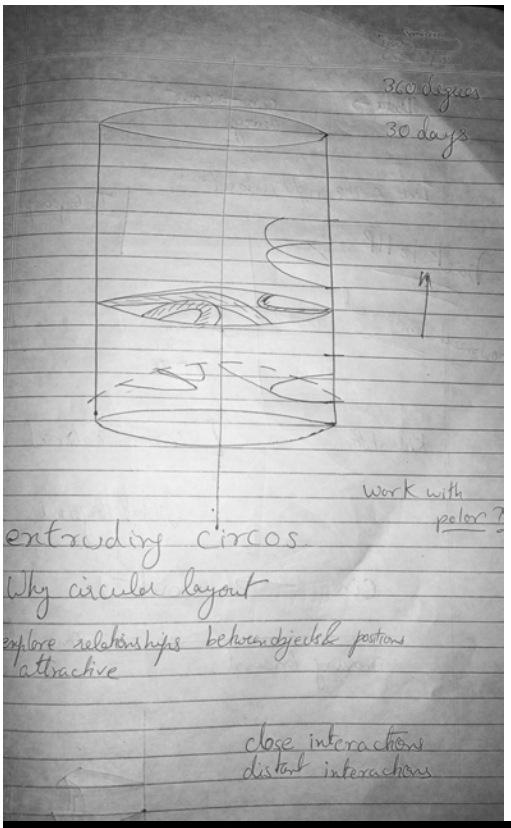
Color Scheme:
Blue & Black

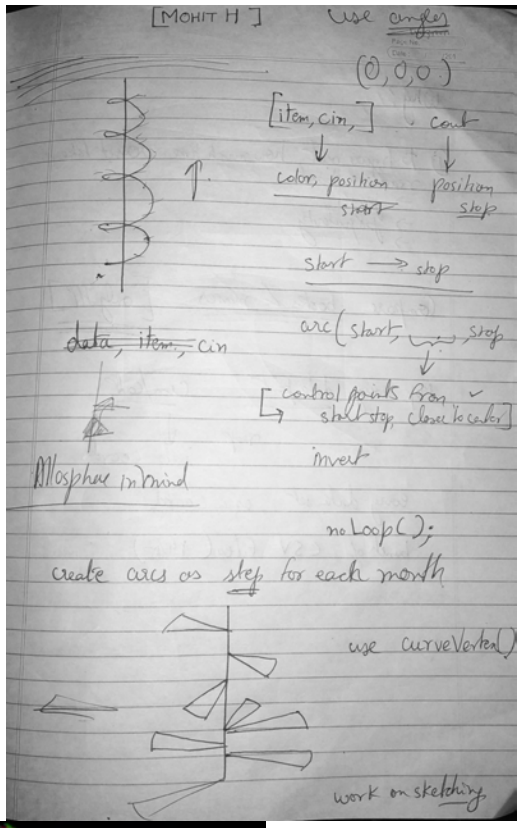
Query:

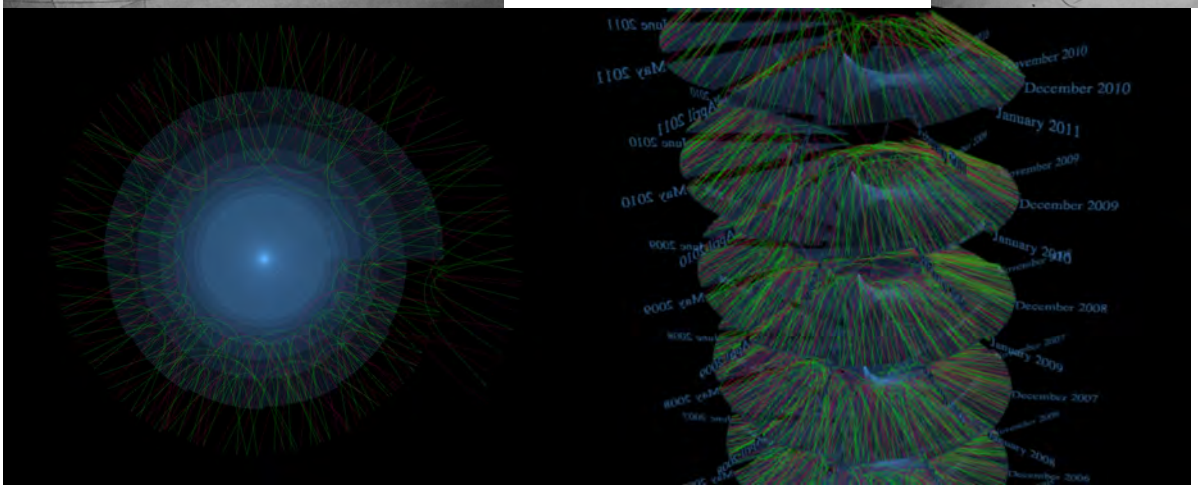
SQL queries:

select cin,cout,title,deweyClass from inraw where deweyClass > 0 && deweyClass < 7 and year(cout)>=2005 and year(cout) <= 2013 and title like "%python%"

Doodle:







Results:
So far the results on the queries have resulted in very interesting patterns and problems.