

“Everything on Earth happens somewhere at some time. But, we each experience this common dataset of Earth’s history differently.

In order to achieve a superior understanding of our world, then, we need a place to share open spatio-temporal data, edit these data for completeness and with eye towards consensus, and, most importantly, use them to develop spatial *narratives* that give us a deeper understanding of how, where and why change occurs in our world.



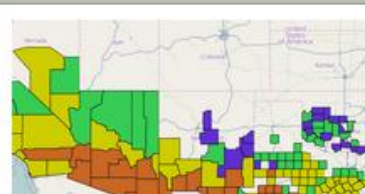
StoryLayers = openly licensed spatio-temporal datasets.

MapStories = spatial narratives built using StoryLayers and other narrative elements (text annotations, photos, videos, etc)

StoryTellers = The attributed users who share StoryLayers or compose MapStories.



Solo The Americas
Carl Poston on April 3 2012



Spread of Killer Bees
admin on Dec. 20 2011



United States Post Offices
Padmini Gudipudi on April 6 2012



STORYLAYERS

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MAPSTORIES

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MAPSTORYTELLERS

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Hello World

MapStory empowers a global community to organize knowledge about the world spatially and temporally. With MapStory, people of all kinds turn into Storytellers who can create, share, and collaborate on MapStories and ultimately improve our understanding of global dynamics, worldwide, over the course of history.

SECTIONS

[Crisis](#)
[GeoPolitics](#)
[Science & Industry](#)


IRENE
admin on April 4 2012
4.5 stars

THINKERS AND THOUGHTS ON MAPSTORYTELLING



Jonathan Marino
Mapstorytelling and the Learning Revolution



Parag Khanna
GeoStrategy and the Four C's of MapStorytelling

Build a space-time data commons



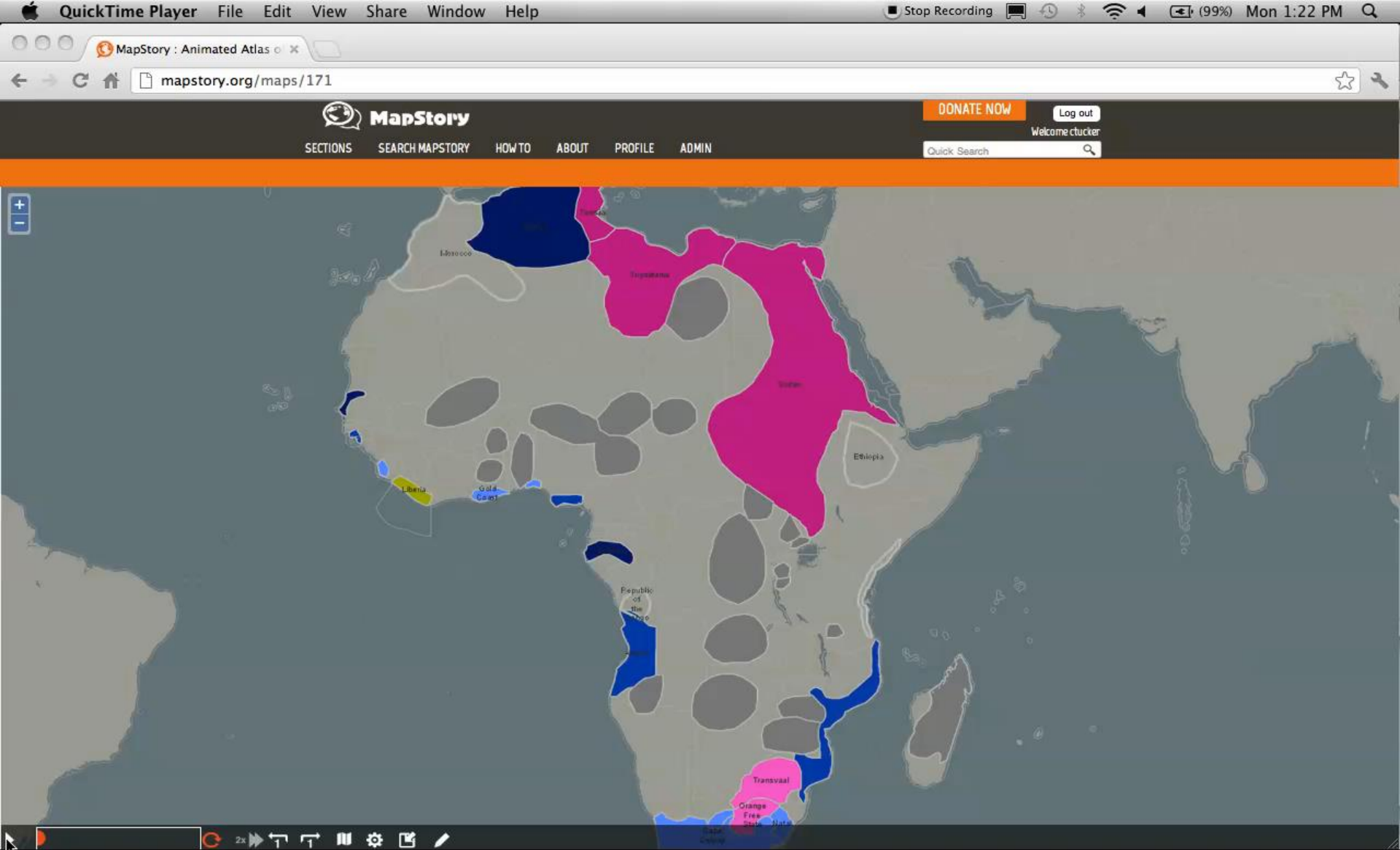
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Go from spatial data to spatial narrative



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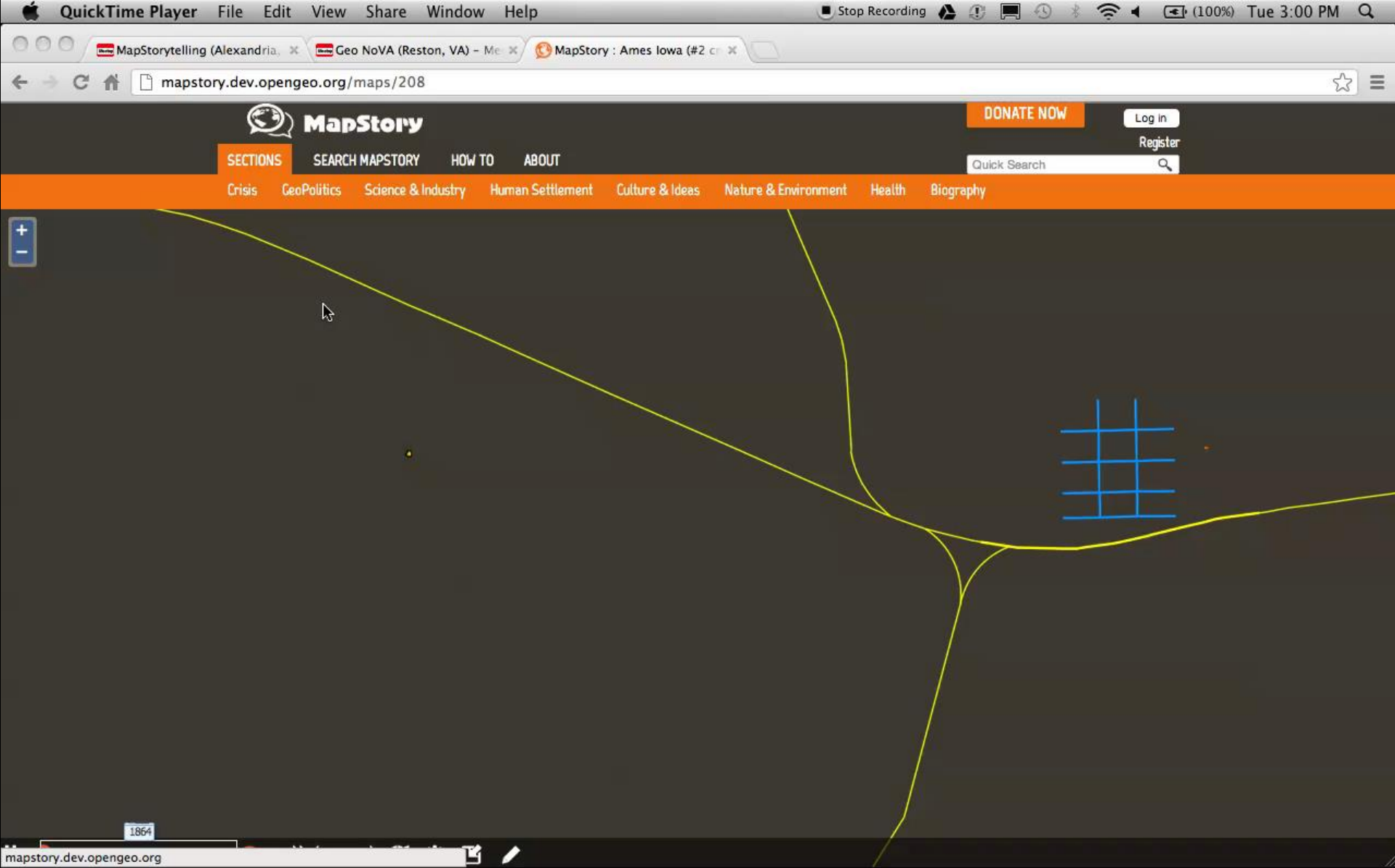
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Greater Greater Washington

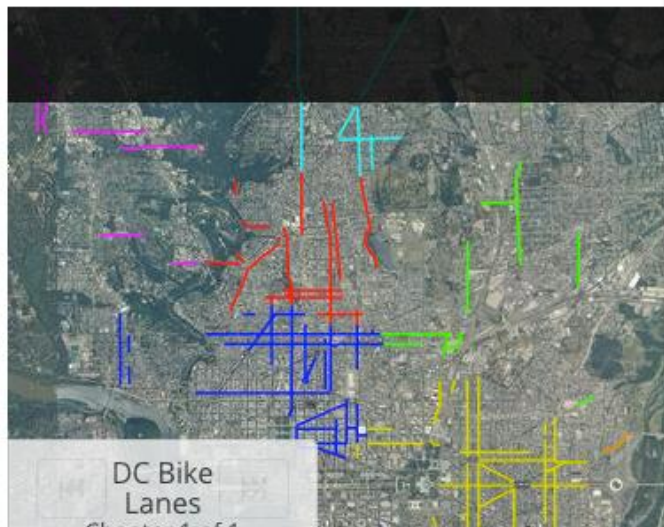
The Washington, DC area is great. But it could be **greater**.

BICYCLING

See 32 years of DC bike lane growth in one animation

by [Dan Malouff](#) • July 23, 2014

DC has had a smattering of bike lanes since at least 1982, but the network only started to grow seriously starting in about 2000. This [animation](#) shows the growth of DC's bike lane network through to 2012.



Animation from Betsy Emmons on MapStory.

Comments

[Add a comment »](#)

That was pretty interesting. It would be nice to also see a version of the "planned" rollout schedule, but I wonder how ordered the list is at this point.

by The Truth™ on Jul 23, 2014 11:47 am • [link](#) • [report](#)

I think it would make more sense to concentrate on connecting all these little spurs together into a network. It is frustrating how the bike infrastructure stops/starts so often.

by staypuftman on Jul 23, 2014 12:17 pm • [link](#) • [report](#)

Missing on the map are the many trails accessible to bikers. And Arlington's bike lanes.

by Jasper on Jul 23, 2014 12:21 pm • [link](#) • [report](#)

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Let data improve.

Let narratives form.



The atlas of change that everyone can edit

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OpenLayers, GeoExt, Bootstrap, AngularJS, MapStory

REST
API

OGC



Standards based metadata
catalog publishing

OGC
CSW

django

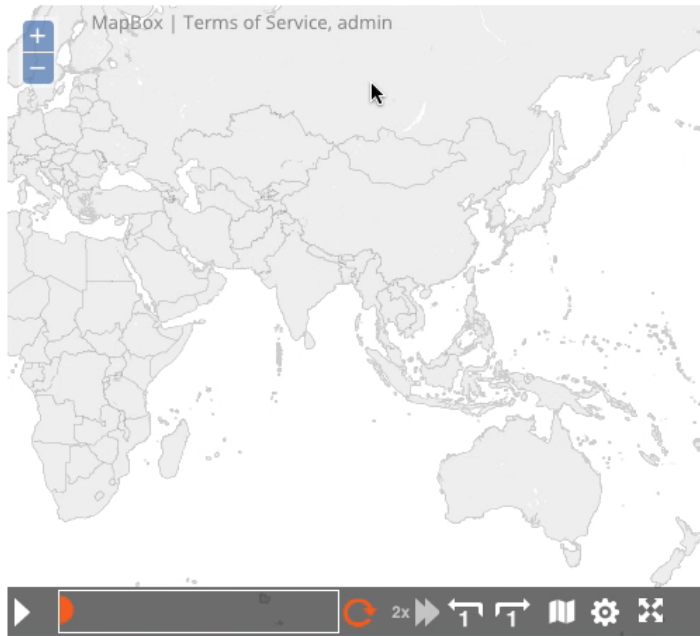
Create and manage
metadata, users and groups

REST
OGC



Store, retrieve, perform
transactions on spatial data





Marco Polo

[message](#)

0 comments

[StoryLayer](#)

us_histstateterr_gen0001

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Created: March 16, 2016

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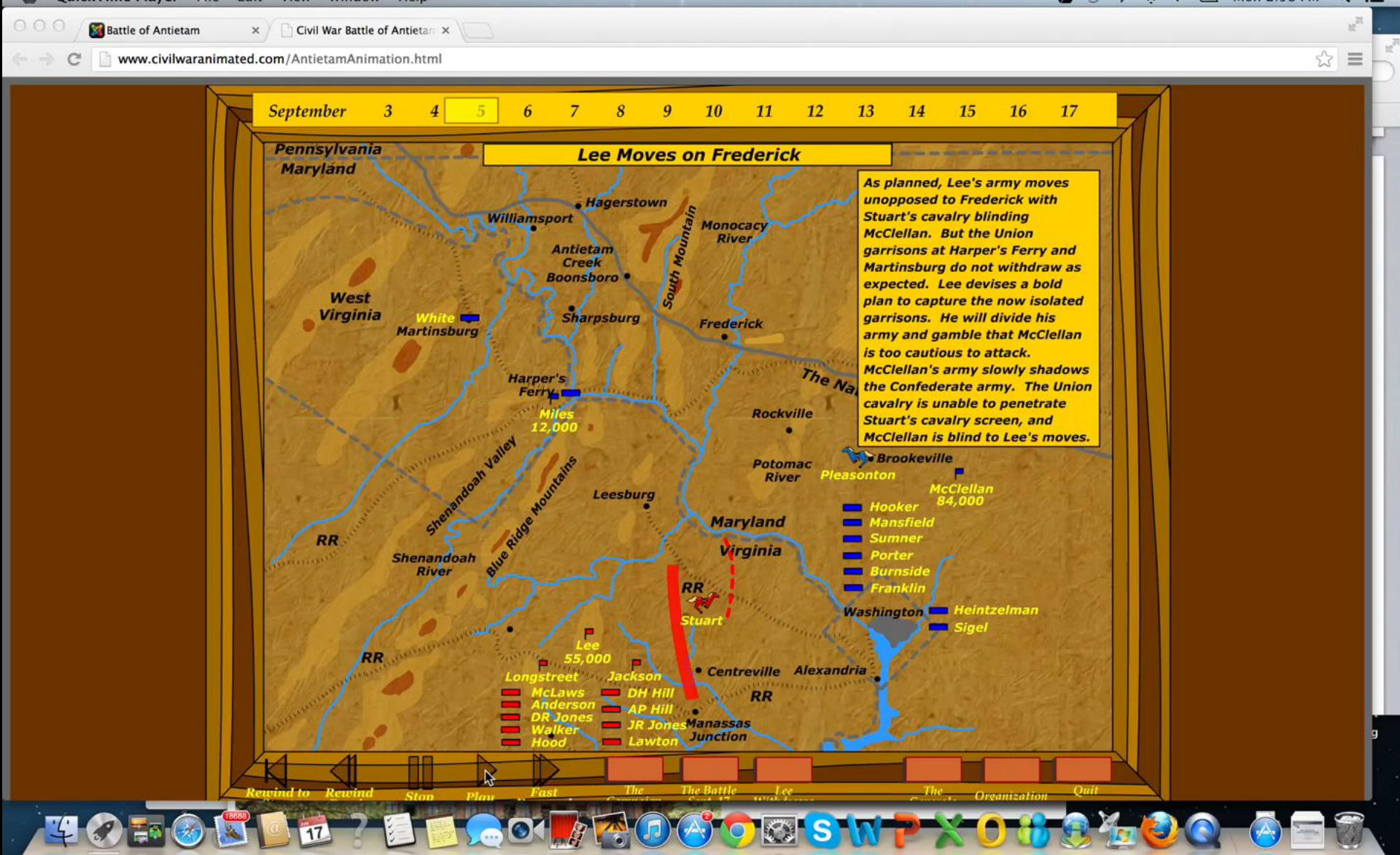
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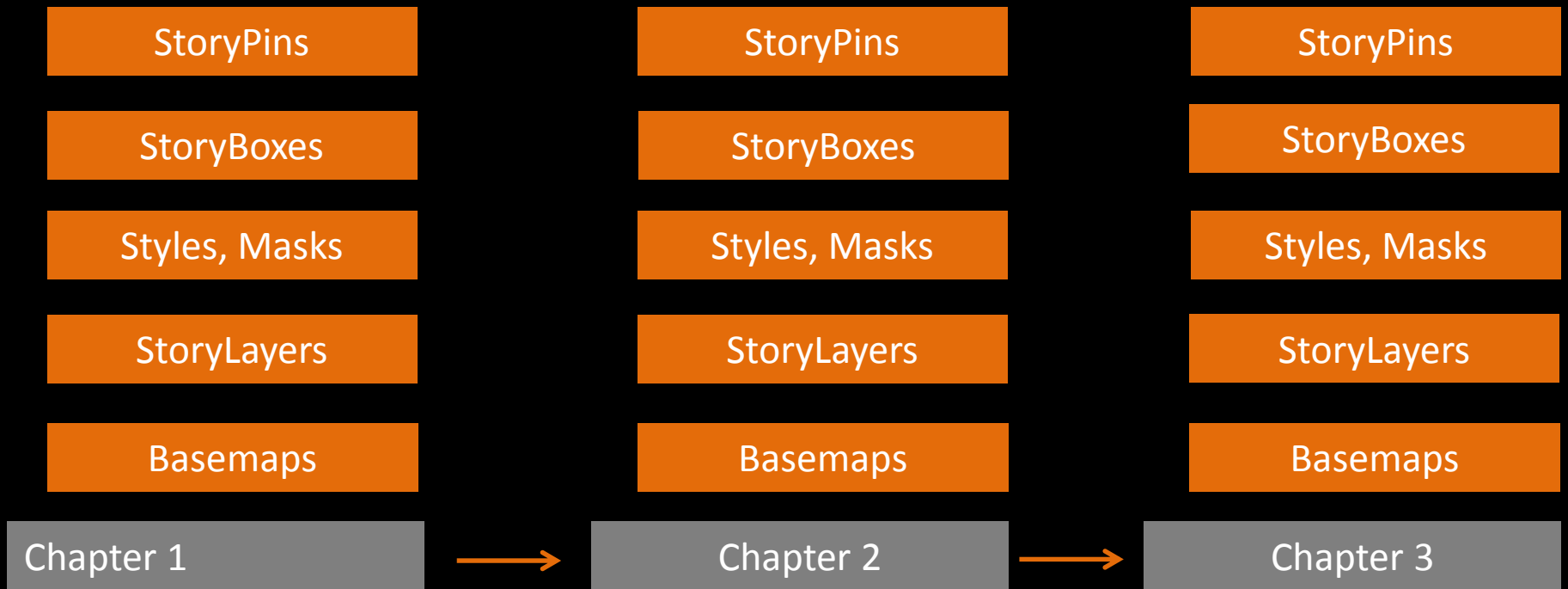
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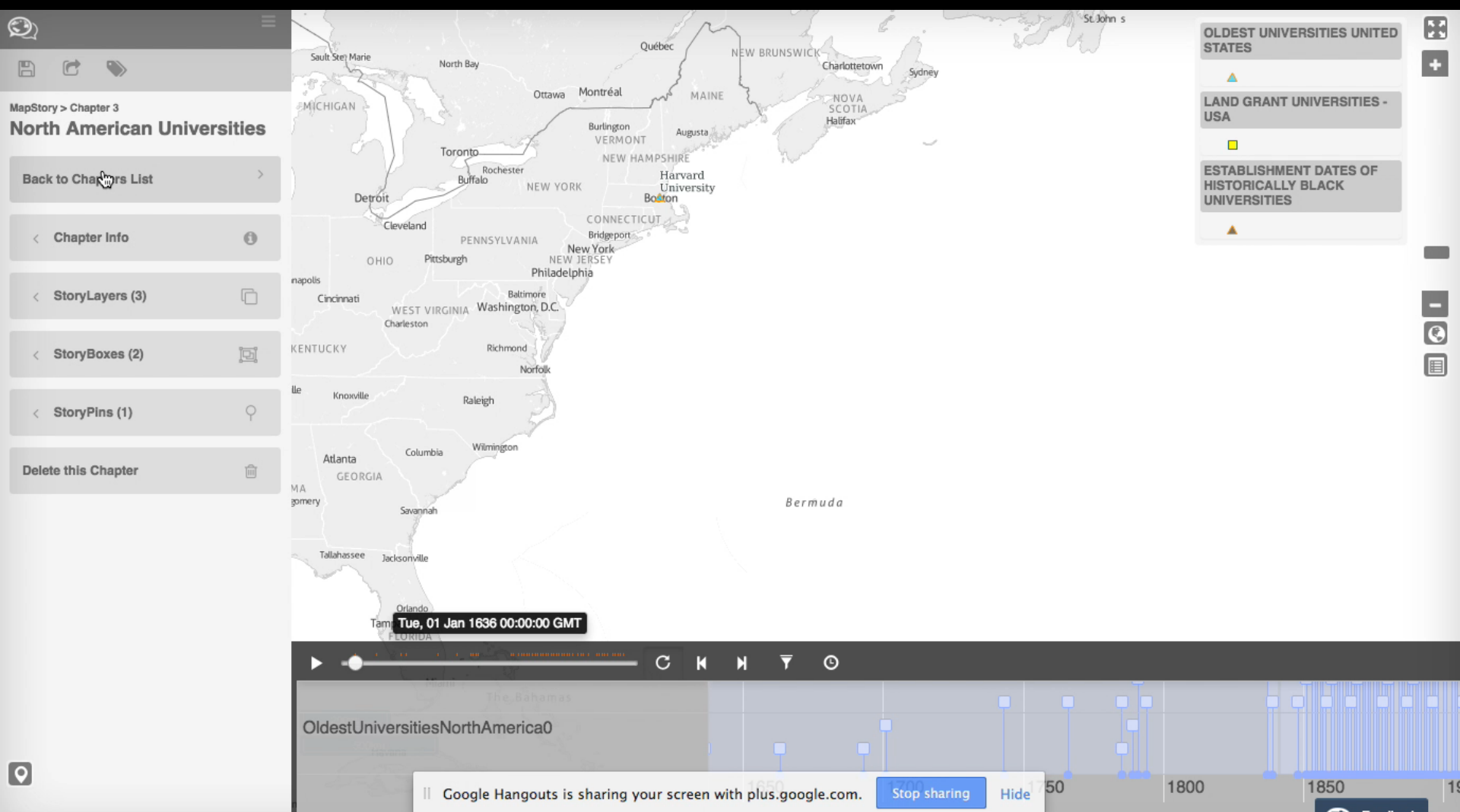
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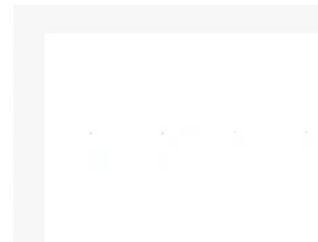
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Type: All / MapStories / StoryLayers



My MapStory 0504 Six
MapStory

Created May 4, 2016

 Reynaldo Dizon

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universal

MapStory

Created May 4, 2016

 Jonathan Marino

 CultureIdeas

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MapStory

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 John Wileczek

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United States Congressional District Shapefiles

Jeffrey B. Lewis, Brandon DeVine, and Lincoln Pritcher with Kenneth C. Martis

Description

This site provides digital boundary definitions for every U.S. Congressional District in use between 1789 and 2012. These were produced as part of NSF grant SBE-SES-0241647 between 2009 and 2013.

The current release of these data is experimental. We have had done a good deal of work to validate all of the shapes. However, it is quite likely that some irregularities remain. Please email jblewis@ucla.edu with questions or suggestions for improvement. We hope to have a ticketing system for bugs and a versioning system up soon. The district definitions curr release version.

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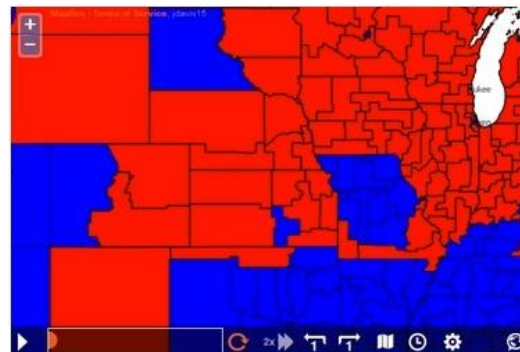
Grad student tells story of US political history through unique map

Posted: July 01, 2014

As is true with any country, the United States has seen several party control shifts across its 435 congressional districts over time. However, it's one thing to know that fact, and quite another to see it happen.

Now, thanks to Jonathan Davis, you can. An Arizona State University geographic information systems graduate student, Davis creates visual stories through MapStory, an online platform that allows users to "organize knowledge about the world spatially and temporally."

Davis' map provides a different way of understanding the history of American politics over the past century by demonstrating, through color blocks on the map, the U.S. party control shifts from 1918-2012.



Jonathan Davis' latest MapStory creation shows the progression of American politics from 1918-2012.

Photo by: Washington Post

featured



Student aims for the stars in research, athletics

today's headlines

ASU center partners with World Bank on sci-fi, gaming and social innovation

Hospital's cardiac care boosted by ASU biomedical engineers

Planet Mercury a result of early hit-and-run collisions

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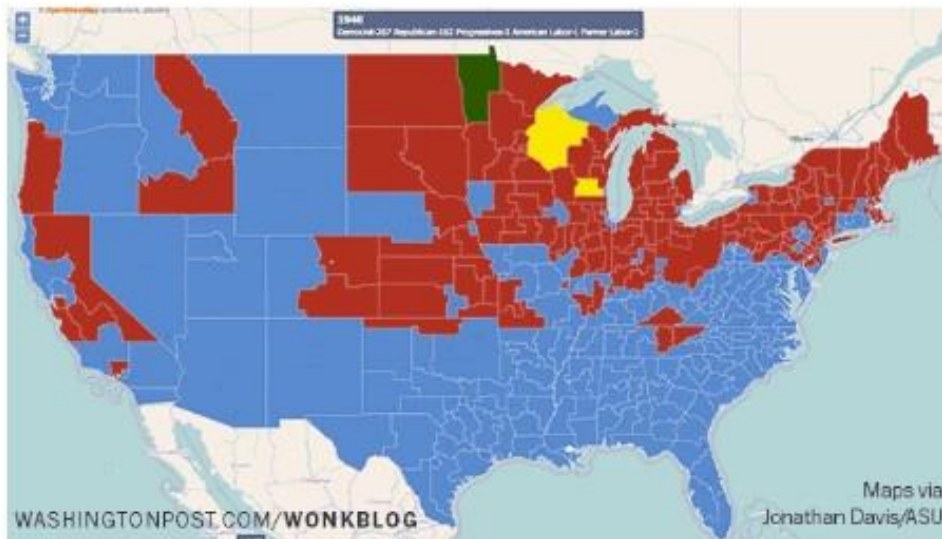
A hundred years of American politics, in one GIF



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By Christopher Ingraham June 23 [Follow @cingraham](#)



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Our US Economic Impact Report illustrates what commitment means to the American economy.

[Download the report](#)

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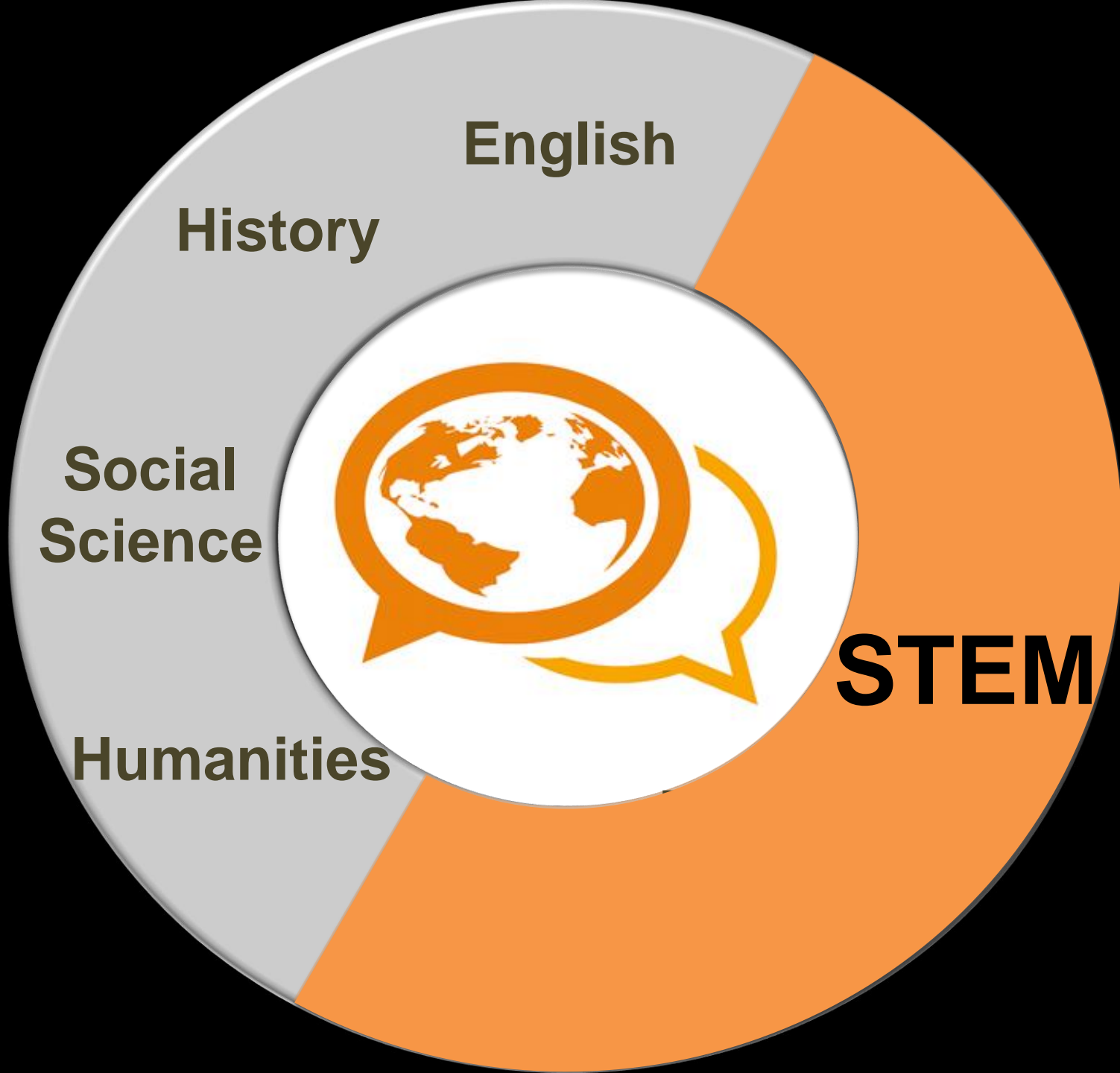
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KEEP IMPROVING...

3 months:

- Bulk edits (append)
- Raster Upload
- Geologic time support
- Remote data streams
- Client side icons uploads

3-12 months:

- 4d / Cesium integration
- Graphing/charting
- QGIS plug-in
- Longitudinal gazateer
- More storytelling templates
- Mobile editing and discovery

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CHALLENGES

Technical

- Achieving versioned editing at scale
- Geologic time support
- Persisting styling and playback settings for each new MapStory

Social

- Maintaining consistent team of developers from open source communities
- Focusing on the end-user while also developing core features
- Delays caused by dependencies on third party open source projects

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