

Storytelling with Maps

Using MapLibre

Felipe Valdez

Schedule

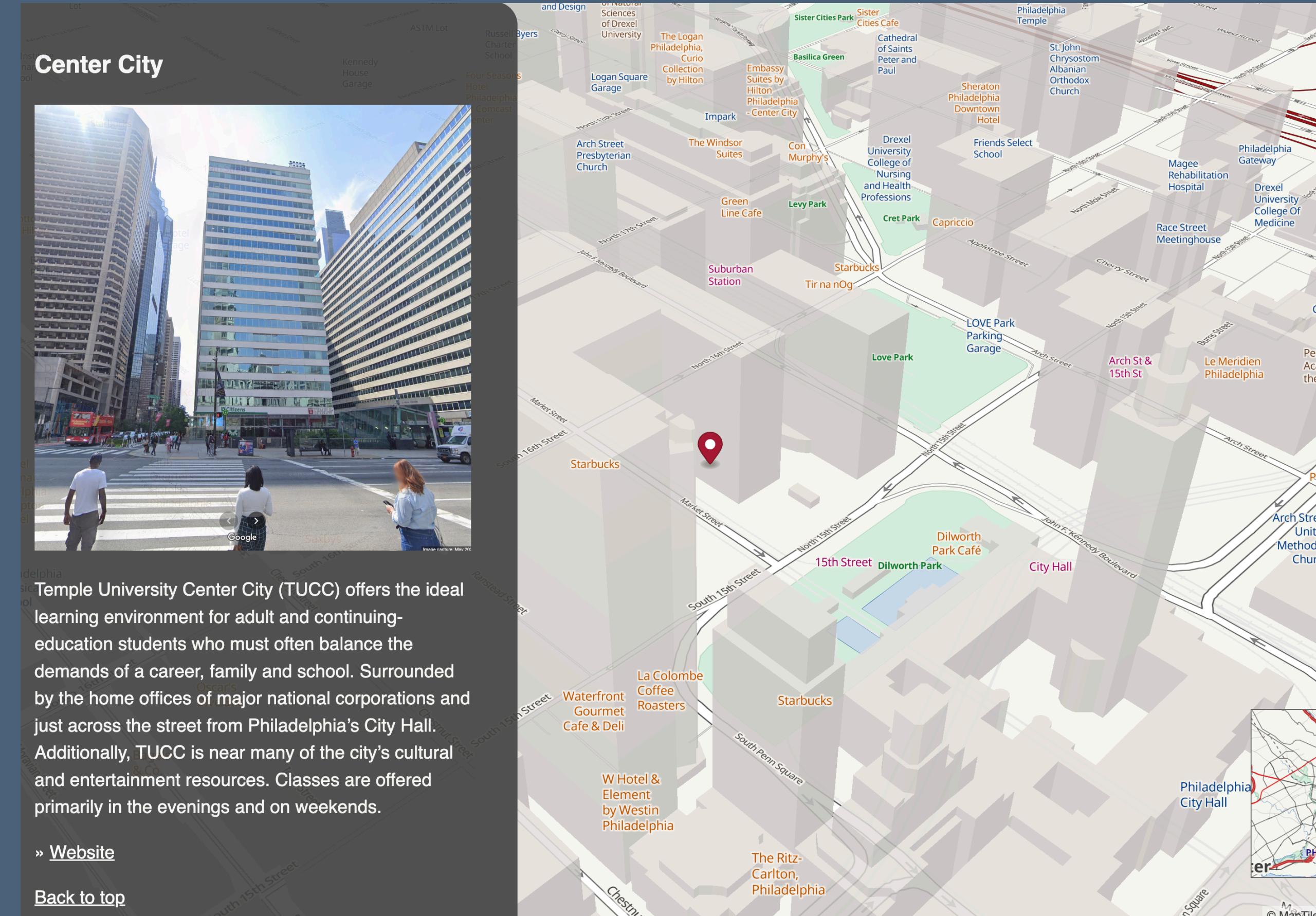
- Philly Community Wireless Storymap
- Demo
- Questions

Center City

Temple University Center City (TUCC) offers the ideal learning environment for adult and continuing-education students who must often balance the demands of a career, family and school. Surrounded by the home offices of major national corporations and just across the street from Philadelphia's City Hall. Additionally, TUCC is near many of the city's cultural and entertainment resources. Classes are offered primarily in the evenings and on weekends.

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Why using maps for storytelling?

Everything happens somewhere in space

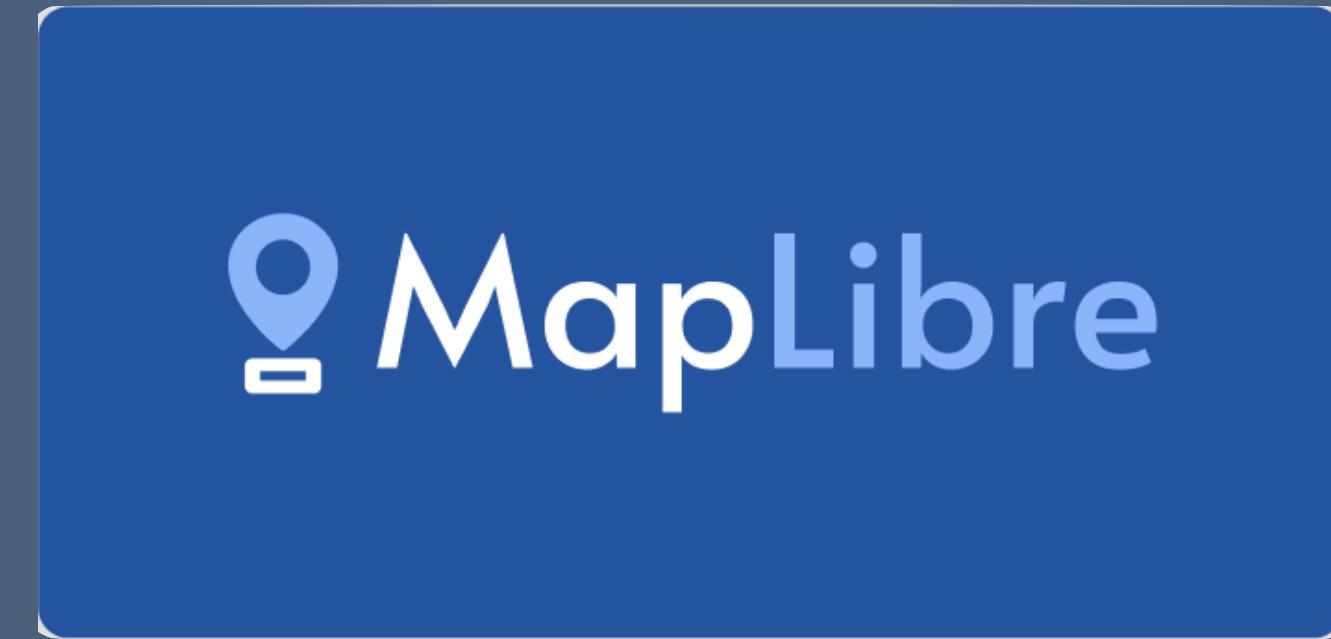
- Powerful visuals
- Add context to the story
- Interactive and still guided
- Add spatial analysis to the story

Open Source Software

Pre-requisites



Git





Host your story map repository and deploy it as a webpage



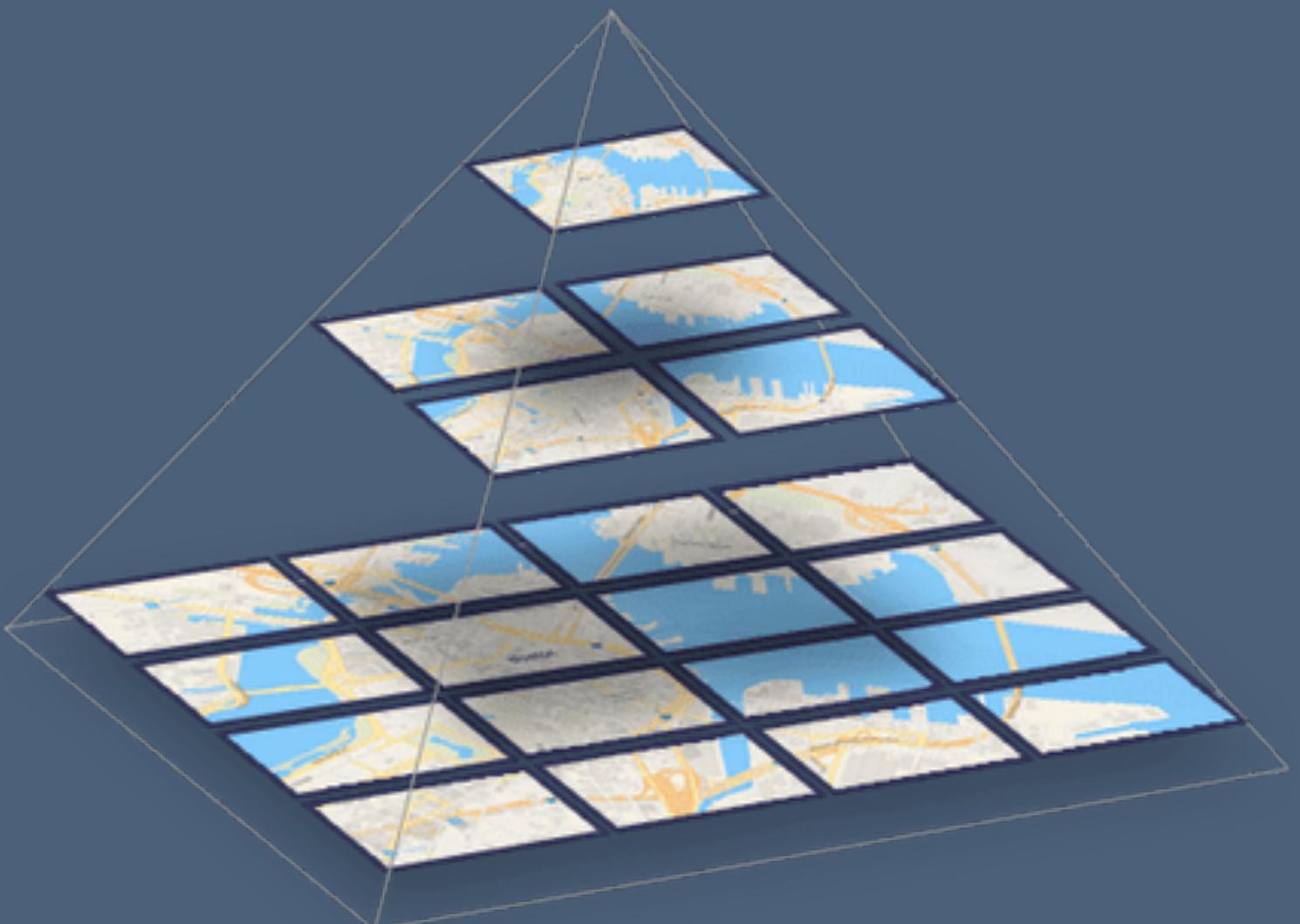
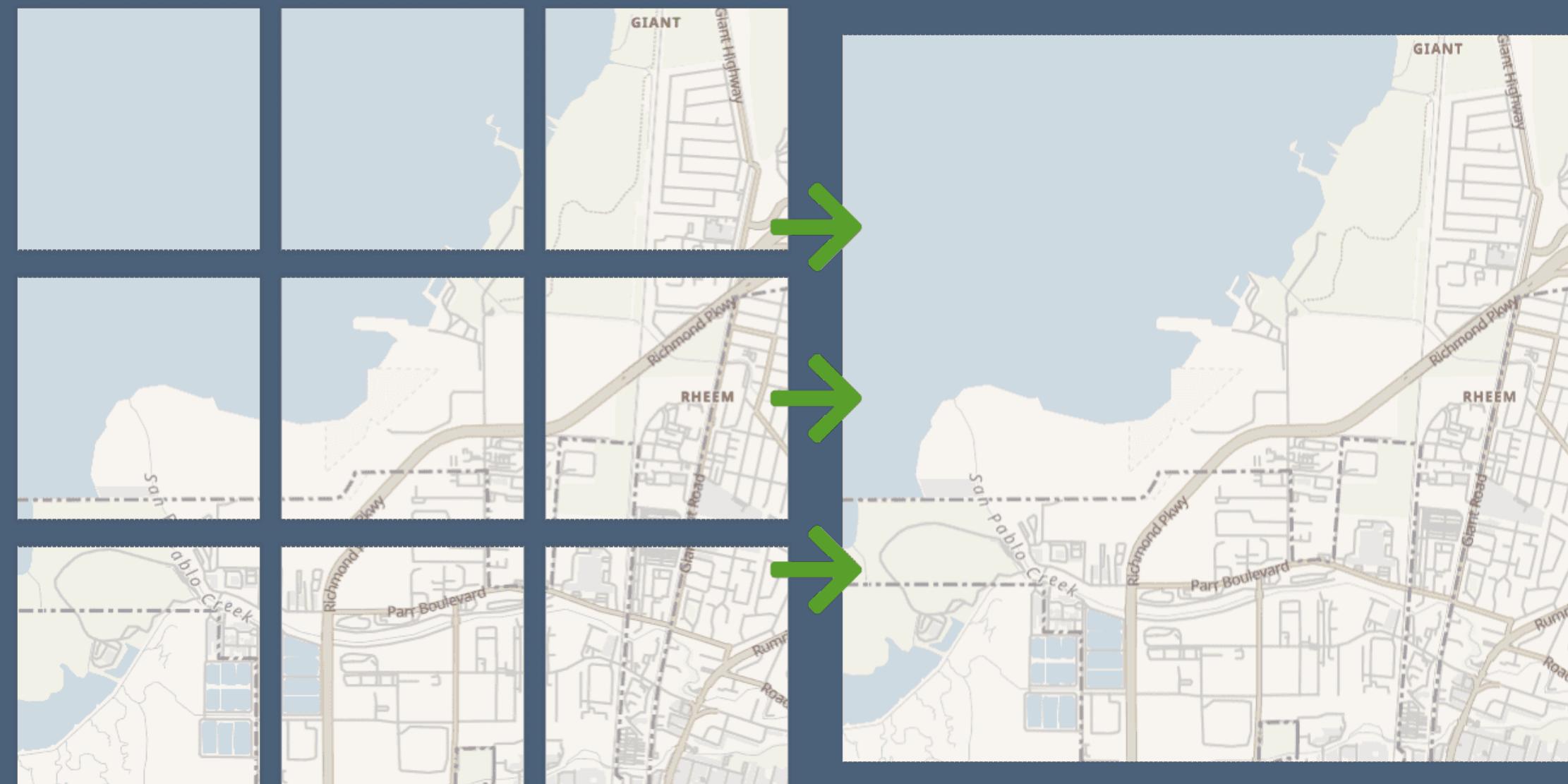
Serve a world map for free. Data comes from OpenStreetMap



Render map tiles in the web browser. Add interactivity with JavaScript

Webmap essentials

- Big dataset (OpenStreetMap)
- Tiles are extracts based on zoom level
- MapTiles specifications rule the rendering
- A map style defines how map elements are shown (symbols, colors, etc)



The template

By Digital Democracy

- Contains all files and code needed to start a map
- Available for public use in GitHub

A screenshot of a GitHub repository page for "maplibre-storymap". The repository is owned by "digidem" and is public. The commit history shows 15 commits from "rudokemper" made 2 years ago. The commits include updates to source repo URLs, setup for hosting, turning the template into a node app, and adding support for 3D terrain tiles. The repository contains files like demo, dist, images, map, .gitignore, LICENSE, README.md, build.js, config.js.example, index.html, index.js, package-lock.json, package.json, and sources.js. The README and License files are also present at the bottom of the repository view.

What you will learn:

- Configure the story map template on your GitHub account
- Basic setting to start the story map
- Add text, multimedia and location to your story chapters
- Preview your story map locally
- Deploy the story map as a webpage

Next steps:

- Interactive tutorial
- Workshop recording
- Consultation appointments

Storytelling with MapLibre

Home
Introduction
Participating Online
Pre-requisites
Hands On
Next Steps
Glossary

Storytelling with Maps - Using Maplibre

Fall 2024 - Mapping Series Workshops
<https://bit.ly/gis-workshops>

Presenters
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PREREQUISITES

- A GitHub.com account. If you don't already have a GitHub.com account, you can [create one here](#). Take this short video [Getting Started with GitHub](#) if you're brand new and want to get a high-level overview of the platform.
- A MapTiler account. To create one go to [maptiler.com](#).

Goal of this workshop

Our goal is to show you how to create your own interactive storytelling applications with maps and multimedia, using open source tools. We will show some examples of stories and get hands-on with how to create your own interactive applications and share them on the web.

This tutorial is designed so that you will be able to create an interactive story without any coding knowledge, however, if this is your first time generating code it may take you some time to get familiar with these types of interfaces and files, although it won't be complicated.

If you want to familiarize yourself with the use of code for this type of activities, we recommend you to check the additional resources section.

You can view the interactive map from this demo at:
[A tour of Temple University Campuses](#)

This site uses [Just the Docs](#), a documentation theme for Jekyll.

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SEP 18 Wed, 12:00pm - 1:00pm [Online](#)

16 SEATS LEFT

Storytelling with Maps

In this workshop you will learn how to craft compelling narratives using interactive maps! You will be able to build a story map using JavaScript libraries in a simple and creative way. This... [More](#)

Mapping

OCT 2 Wed, 12:00pm - 1:00pm [Online](#)

40 SEATS LEFT

Mapping the U.S. with Social Explorer

Social Explorer provides thousands of social, economic, and cultural data variables from public sources for easy mapping and visualization. This one-hour session will introduce you to the intuitive... [More](#)

Mapping

OCT 9 Wed, 12:00pm - 1:00pm [Online](#)

42 SEATS LEFT

Mapping Data with PolicyMap

Learn how to visualize social data with one of the Libraries' powerful data and mapping subscriptions: PolicyMap. PolicyMap is an easy-to-use online mapping tool for visualizing U.S. data from... [More](#)

Mapping

OCT 16 Wed, 12:00pm - 1:00pm [Online](#)

47 SEATS LEFT

Mapping Business Data with Simply Analytics

Learn to create data visualizations to explore, explain, and analyze business conditions and opportunities. SimplyAnalytics is a powerful mapping tool that includes thousands of data variables... [More](#)

Mapping

NOV 13 Wed, 12:00pm - 1:00pm [Online](#)

39 SEATS LEFT

Mapping Census Data with R

Discover how to analyze and visualize census data using R in our "Mapping Census Data with R" workshop! This session will cover the basics of importing, manipulating, and mapping demographic data...

NOV 19 Tue, 11:00am - 12:00pm [Online](#)

38 SEATS LEFT

ArcGIS: Mapping Biographies and Histories

This workshop is designed for those interested in the application of digital cartography in academic research. Participants will explore the capabilities of ArcGIS for visualizing historical and... [More](#)