

Create / distribute tiled map

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Notes (1/2)

- This presentation use some links to external resources
 - Please download the presentation from the link below

https://github.com/smellman/jica_2023

Notes (2/2)

- This presentation is written in Markdown
 - You can edit this presentation with any text editor
 - You can convert this presentation to PDF or PowerPoint, please see the README.md
 - You can download the presentation of auto generate versions from the link below
 - [PDF](#)
 - [PowerPoint](#)
 - [HTML](#)

Self introduction

- GIS Engineer at Georepublic Japan
 - Programming: Python, JavaScript, TypeScript, Ruby etc.
 - UNIX and Linux guru
 - GIS skill: Data processing, Tiled based Map
- Community
 - Director of [OSGeo.JP](#)
 - Director of [OpenStreetMap Foundation Japan](#)
 - Sub president of [Japan Unix Society](#)
 - [UNOpenGIS/7](#) volunteer
- Contact: taro@georepublic.co.jp / @smellman on Twitter

Today's agenda

- What is tiled map?
- Introduction of software and data in this presentation
- How to create your own tiled map
- How to design your own tiled map
- How to distribute your own tiled map

What is tiled map?

Tile technology

- Provide map image or data over the internet.
 - Map images are separated as tiles.
 - Zoom Level 0 = World
 - Each zoom level doubles in the dimensions.
 - Too many tiles use "Web Mercator" projection.

<https://a.tile.openstreetmap.org/0/0/0.png>

