

Introduction to Lab Course on OSM Data

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Topic

- ▶ OpenStreetMap \approx Wikipedia for Maps
- ▶ Large amount of data

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- ▶ \Rightarrow efficient algorithms

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- ▶ OpenStreetMap \approx Wikipedia for Maps
- ▶ Large amount of data
- ▶ \Rightarrow efficient algorithms
- ▶ \Rightarrow efficient implementations

Topic

- ▶ Routing ships on the ocean
- ▶ Assumption: Where there is no land you can sail

Communication

- ▶ Asynchronous communication via Ilias
 - ▶ Forum for announcements and your questions
 - ▶ Uploaded materials
 - ▶ E-mails for personal questions

Communication

- ▶ Asynchronous communication via Ilias
 - ▶ Forum for announcements and your questions
 - ▶ Uploaded materials
 - ▶ E-mails for personal questions
- ▶ Synchronous communication
 - ▶ (Almost)-weekly meetings/Q&A sessions: in-person or online (Big Blue Button video conferencing)?

Submissions

- ▶ One big project
- ▶ Submitted in two parts

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“Schein” Part

- ▶ Contains tasks 1-6
- ▶ can be done in pairs
- ▶ due on June 4, 2023

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Graded Part

- ▶ Contains tasks 1-7
- ▶ Needs to be done individually
- ▶ due on September 17, 2023

Final Presentation

- ▶ Presentation dates after final submission
- ▶ Time frame: 10-15min
- ▶ Focus is on task 7
- ▶ Special parts from other tasks are appreciated
- ▶ Live demo of your application is also possible
- ▶ Presentation is part of the grade