Route Planning in FME

Hans Gunnar Steen
Fme Certified trainer / Pro
Norkart
3 different approaches:

1. By external service - Single route with comparison - find shortest driveable path

2. By external service - Spanning Tree

3. Within FME - manipulate network to suit your needs.
Use external service (FERD) to calculate distance and driving time between 2 single points:

- Which school is closest to an address
- Is it too far for walking?
- Is the road to school dangerous?

FME prepares data and enrich results.
Use external service (FERD) to find out which areas are covered within x minutes or kilometers drive from a point. For example:

- A school
- A fire station
- A store
- A hospital
- A park

FME prepares data and enrich results.
Use pure FME to calculate the distance between 2 points (by walking, preferably?)

- Shortest walk between 2 points.
- Throw in paths, cycleways, pavements..
- Edit network errors.

FME prepares data, calculate routes and presents results.
The point: FME is a fantastic client for route planning tasks. Use these techniques, your own data and creativity.
Main point: FME rocks
Thank you!

hans.gunnar.steen@norkart.no