Outline

- A few words on 1Generalise
- Automation: how far can we push it?
- Using 1Generalise for research
1Generalise: Building on expertise gained from 20+ years of close relationships with NMAs

20 year of experience in Generalisation
- OO database
- Explicit topology
- Agent
- Generlisation algorithms

Expertise in building Enterprise Systems
- Scalability
- Resilience
- Rule-based process
- Web Service
- Web-based client
  For configuration

New features
- Built-in partitioning
- National load
- Change only updates
- Reusable components
- Predefined flowline
- Dual viewer
Rule based actions

- Power
- Flexibility
- Easiness
- Maintainability
Built-in partitioning mechanism

- Parallel processing for large jobs
- Change only updates
Large jobs (national load)
Change only updates
Summary

- Dedicated application for generalisation
  National load – change only update
- Production ready
  Scalable and resilient
- Can be integrated in any system
  Service Oriented Architecture
- Easy to configure and use
  Rule-based action editor
  Reusable components, predefined flowline
Automation: how far can we go?

![Graph showing cost vs. automation level]
Free access to 1Generalise for research?

- Server hosted at 1Spatial
- User configures 1Generalise using a web browser, adding their own rules
- User may run their Flowlines
  - Through the UI
  - Using web service calls
- Data?
  - Installed on a server at 1Spatial
  - Accessed remotely
- Support through a forum?

- What would you want to do with it?
  - Research on generalisation low level tools?
  - Research on using generalisation in more complex applications (thematic maps on demand?)
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