IS BAPS

GIS for Network Administration

Jitka Spurná
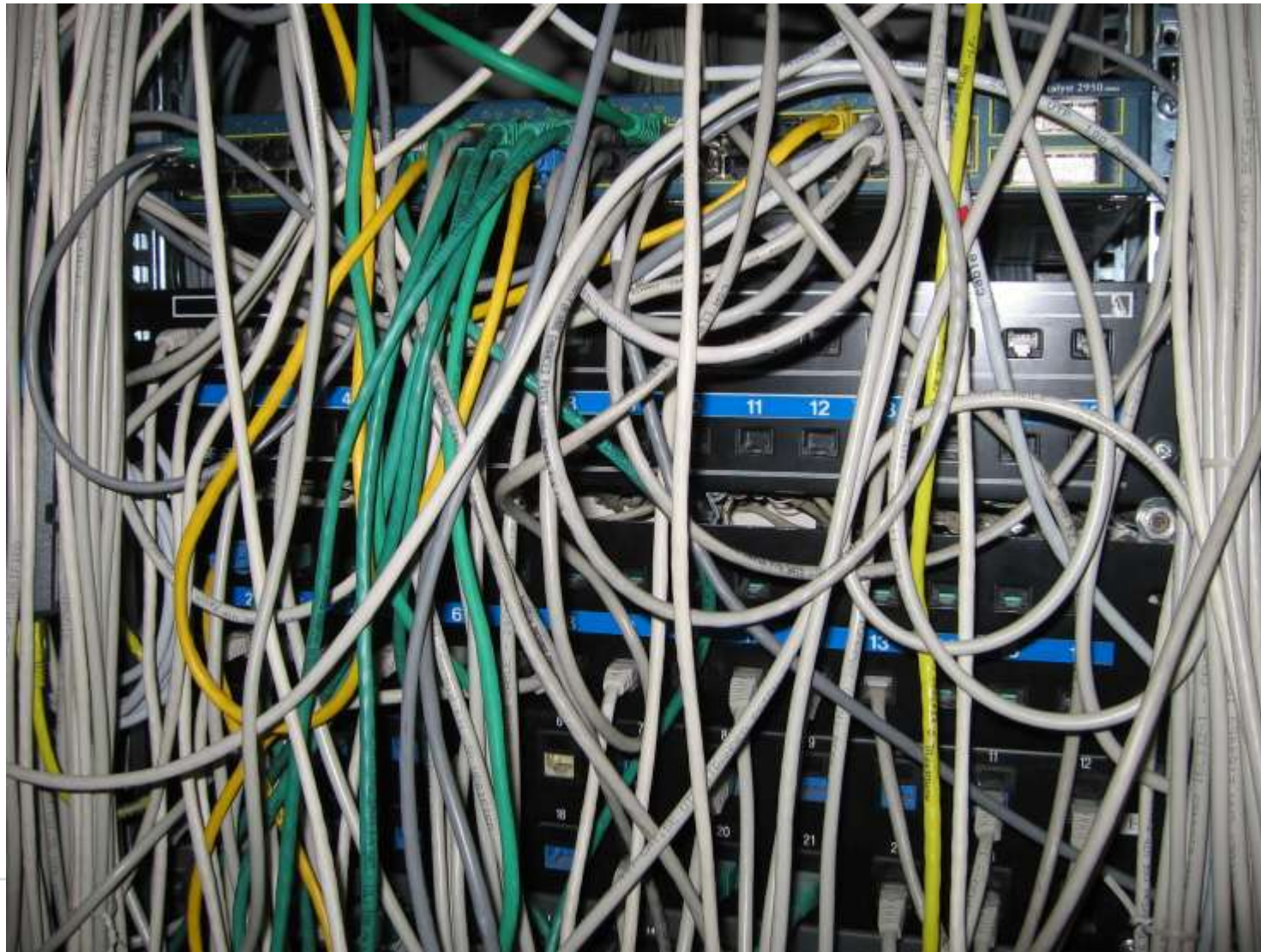
jitka.spurna@ics.muni.cz

What is IS BAPS?

Geographic Information System for Network Administration

BAPS (shortcut for Academic Network in Brno)

- **Register of network objects**

  Cables, patch panels, sockets, routers, switches

- **Network for data and telephones**

  Pins of a connector, wires of a cable

- **Routes for tracing connections**

- **Administration of documents, properties**

Network reality

Network reality

Content in numbers

- 480 locations

- 11 000 devices

  racks, routers, servers, …

- 19 000 patch panels and network sockets

- 36 000 cables

- 254 000 wires

■ Why GIS?

Window with map

– **Exact routes of outdoor cables**

– **Various base map**

City map, orthophoto, cadastral map

– **Indoor schema**

Floors and rooms, network sockets, racks

About development

Desktop application

- **began as a student thesis**

- **C++**

- **ESRI map technologies**

Decision about future of the system:

New?

Web x Desktop

Self development x purchase ready-made software

Live demo..

Thank you for your attention.

Jitka Spurná

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