

GeoIT.org Members:



Overview and Outlook of GeoIT Platforms and Components for developers

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Approach and overview

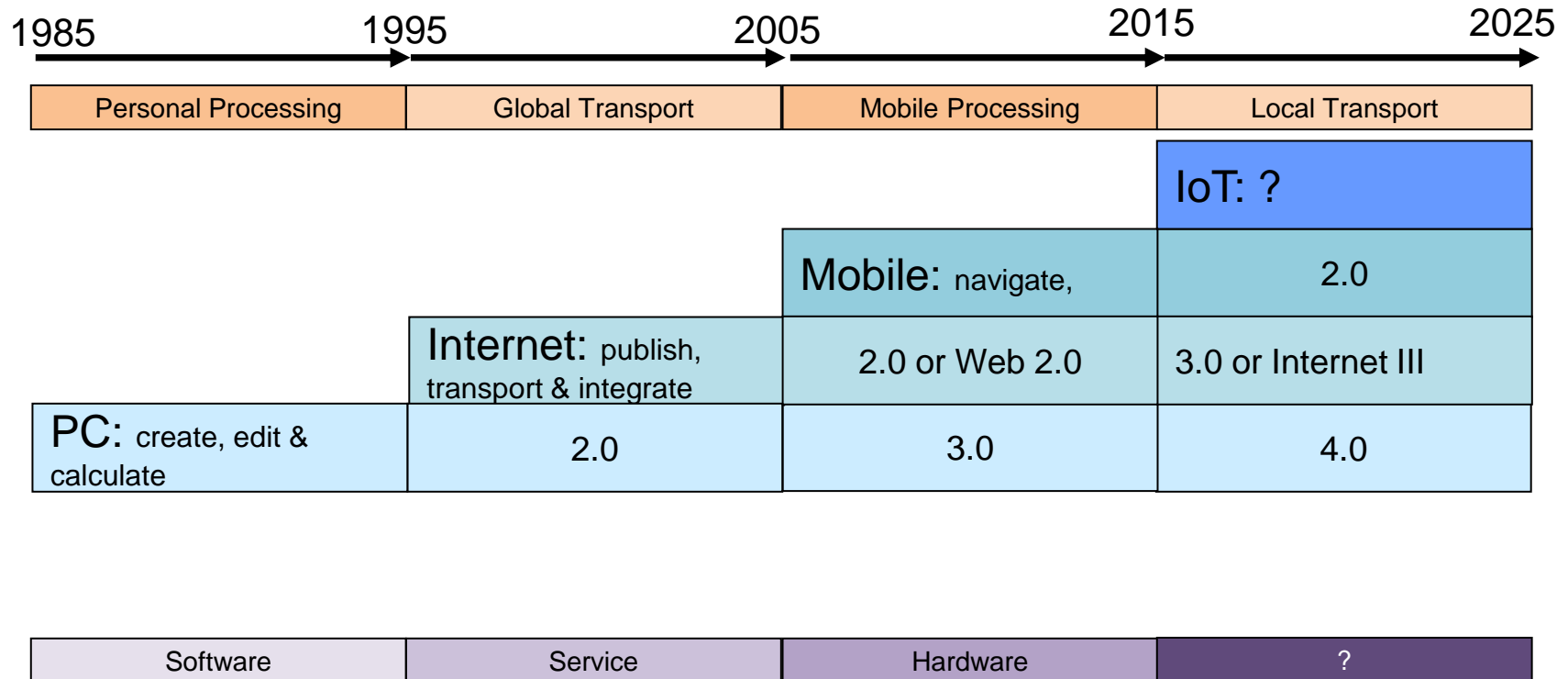
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1. IT development cycles and main methods
2. Abstract and Technology Media Formats
3. IT and GeolT Platforms and disruption of separated classic geoinformatics (governmental driven) by mainstream IT
4. GeolT.org Community

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1. IT Platforms, ages and methods

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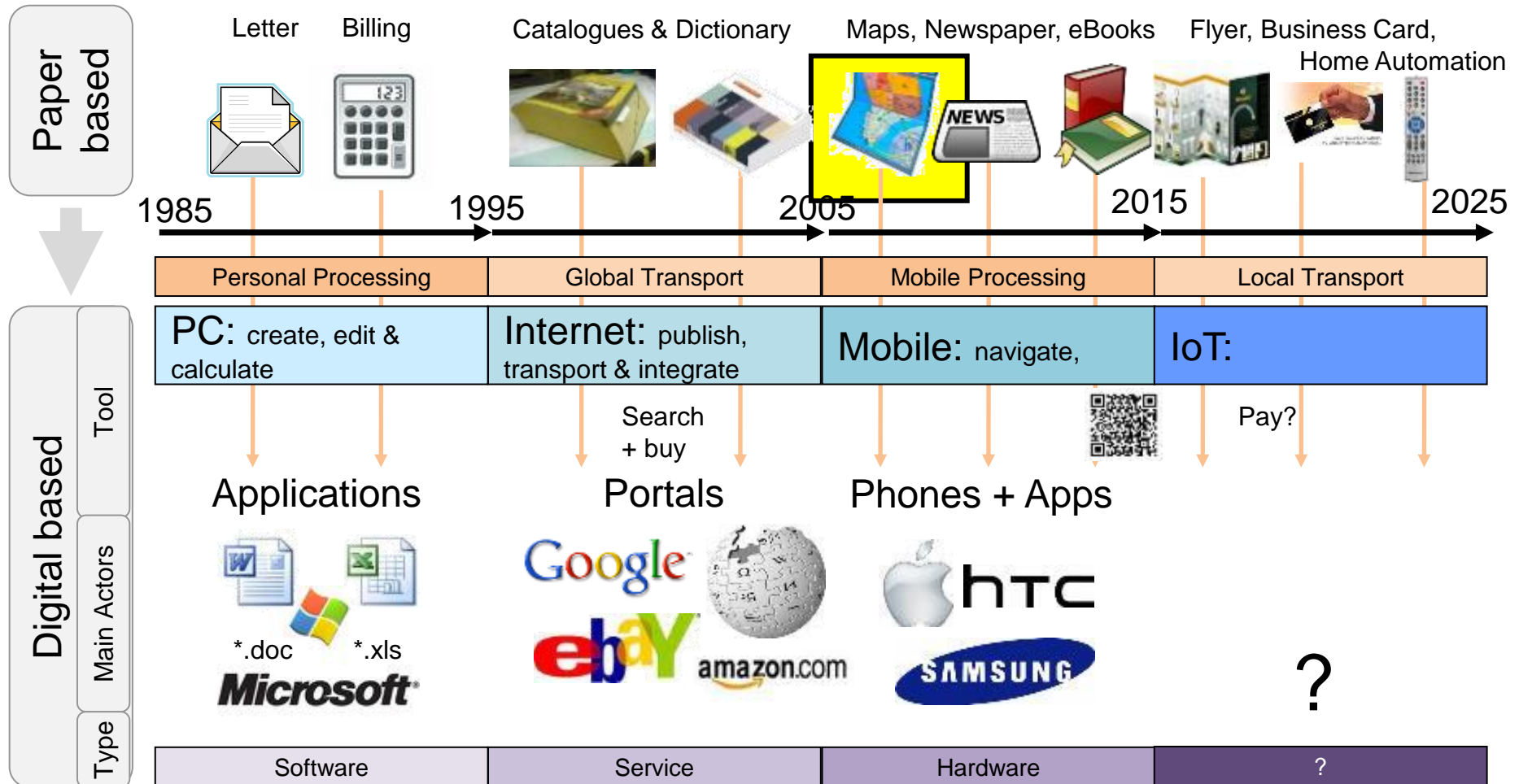
2. Conversation of Media Formats

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- Human basic needs do not change or expand very much
 - More change in tools
 - New technologies replace older technologies, e.g.
 - Paper technologies
 - Digital technologies
- Example:
 - Paper Maps
 - Digital Maps

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2.1 Abstract Media Formats: e.g. Map



3. Umbrella Terms and “Where”

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- Computer science (informatics) vs. Information technology (IT)
- Geoinformatics vs. GeoIT
- Geo-“”: “Where” question as the main focus with positions and functions
- GIS is not an umbrella term for multiple ages, but a sub umbrella term for the PC Age with commercial main instance ArcGIS by ESRI and open source main instance QGIS

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3.1 IT vs. GeoIT

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- The spatial functions require some (later) main stream age features and therefore a time shift of about 5 years can be detected, e.g.
- PC / GIS: Graphical Display
- Internet / GeoWeb: More bandwidth for maps (images)
- ...until ca. 2005

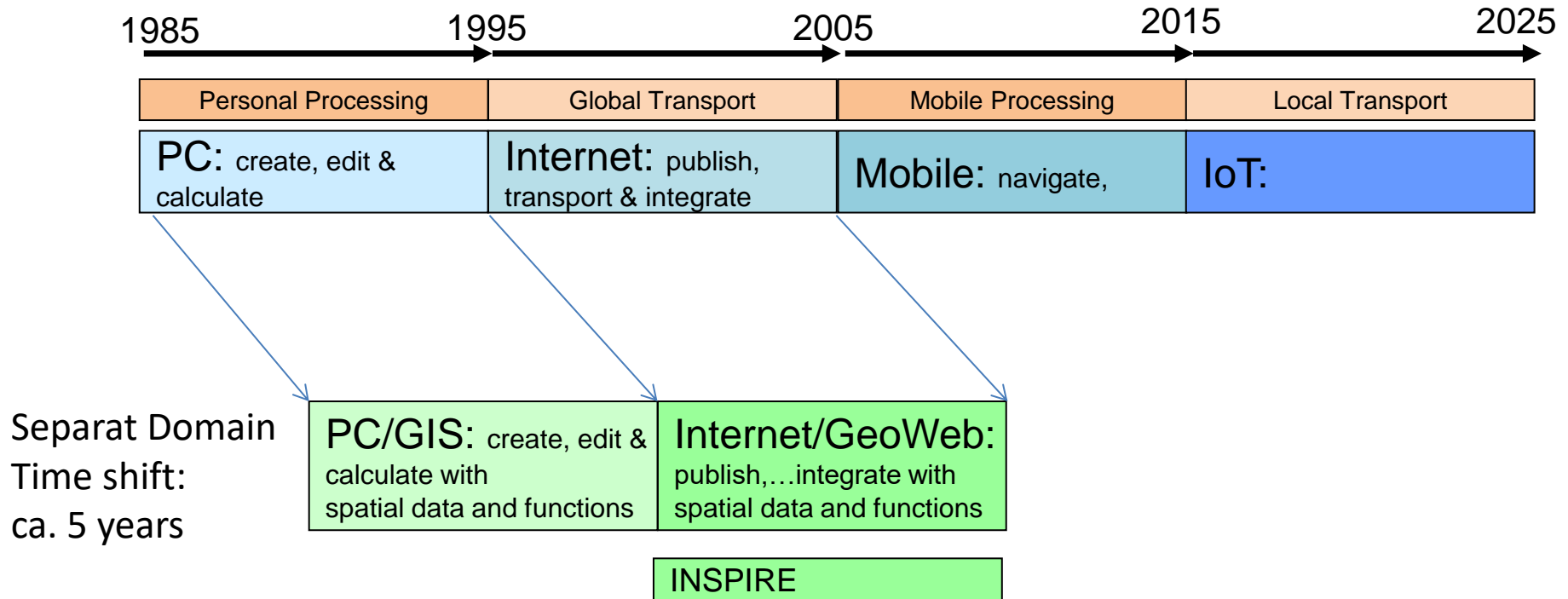
Mobile: GeoAPI already in Android API level 1

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3.2 IT/GeoIT – GeoWeb Infrastructure

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- Traditional community view and expectation



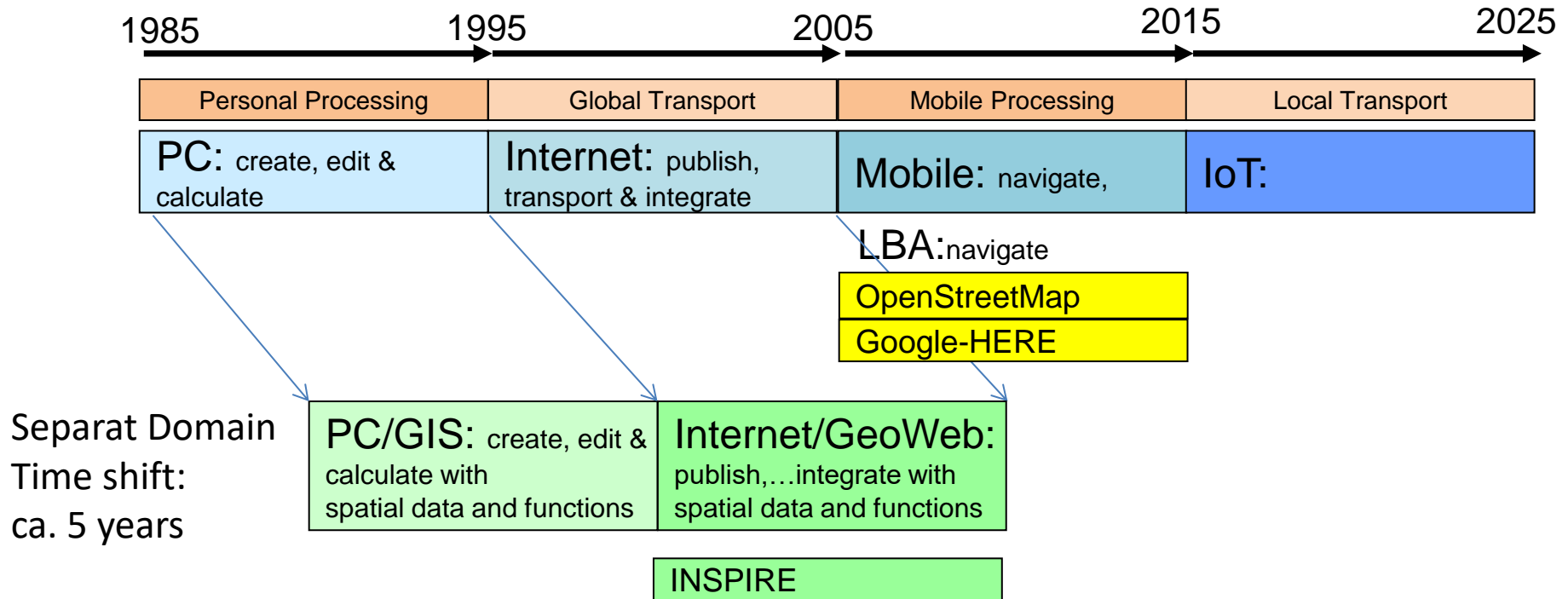
Geoweb Infrastructure: term to include all sector infractures, e.g. google maps, INSPIRE,.

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3.3 Disruption in 2005/2008

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- New GeolT Infrastructures in Mainstream



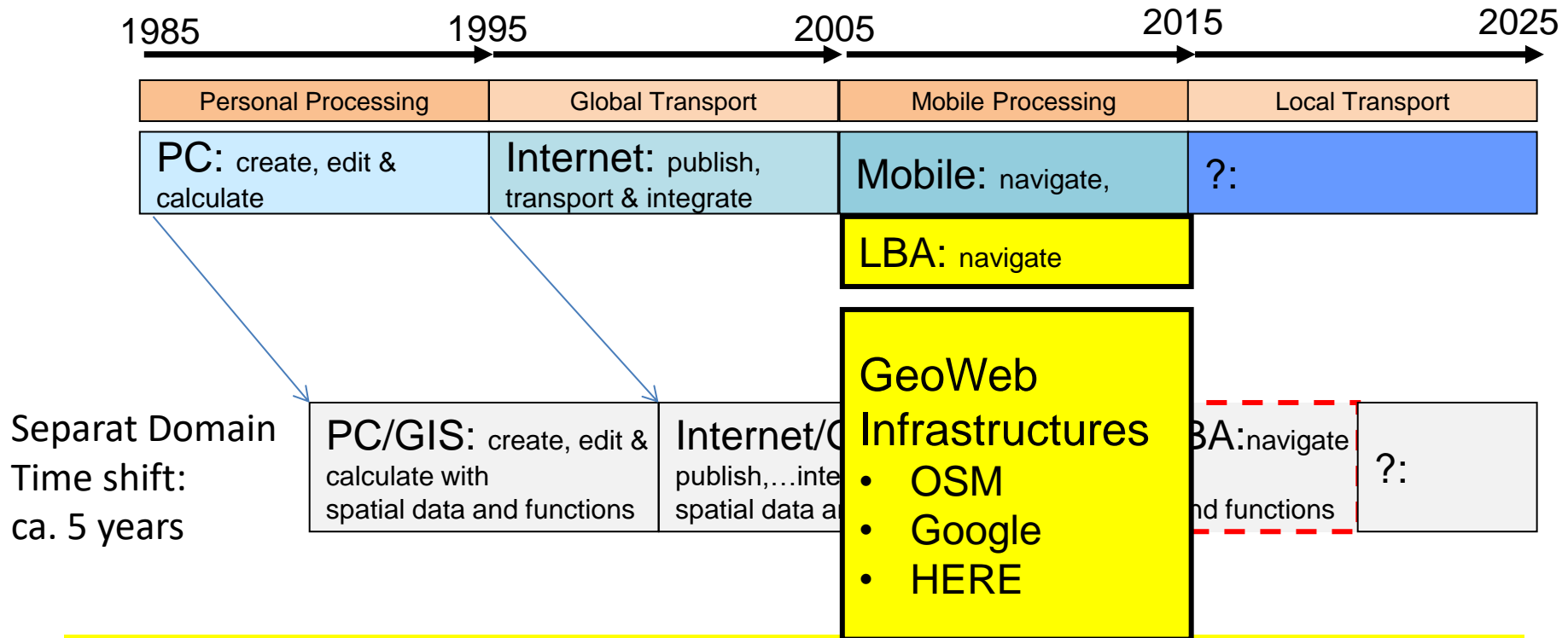
Geoweb Infrastructure: term to include all sector solutions, e.g. google maps, here maps, OpenStreetMap and EU INSPIRE

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3.4 Industrialization of “Where”

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- Serve large number of customers/users, e.g. 500 Million



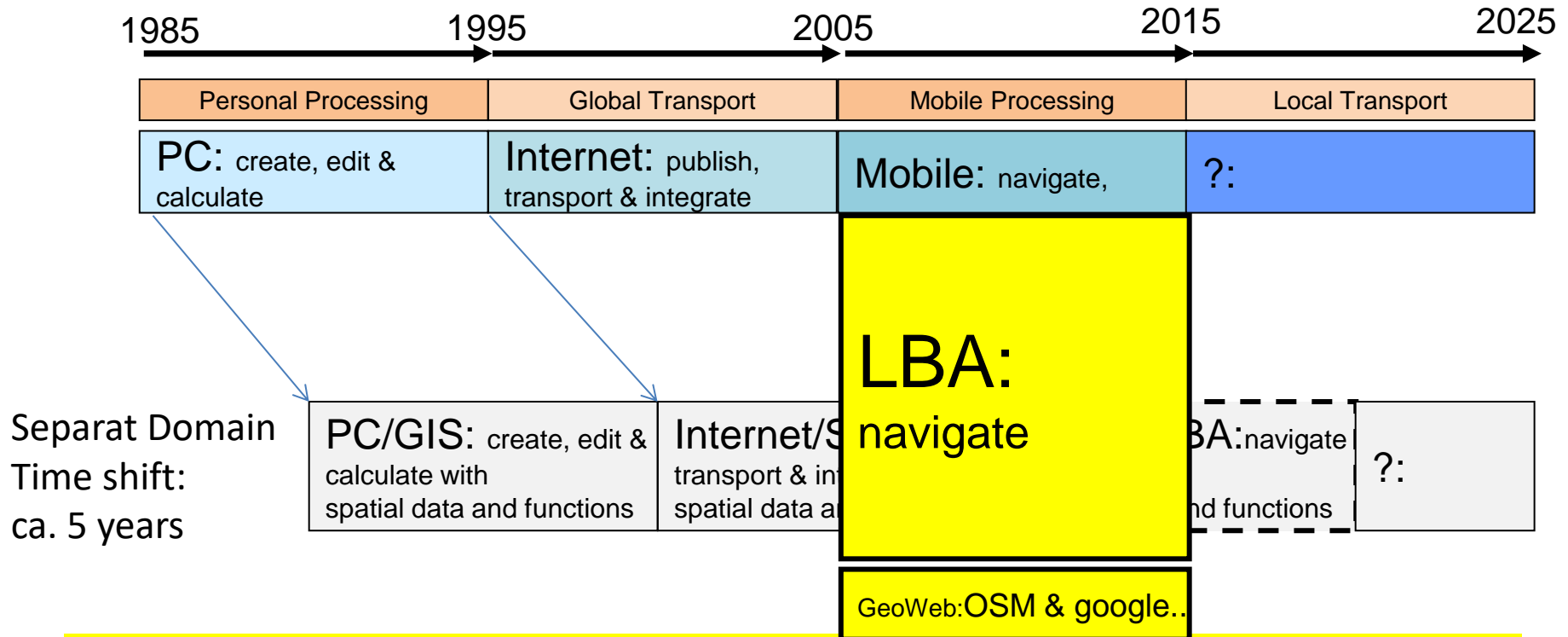
Full integration and industrialization to IT/GeoIT

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3.5 Mobile Navigation

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- Android API 1 with android.location API and com.google.{maps}



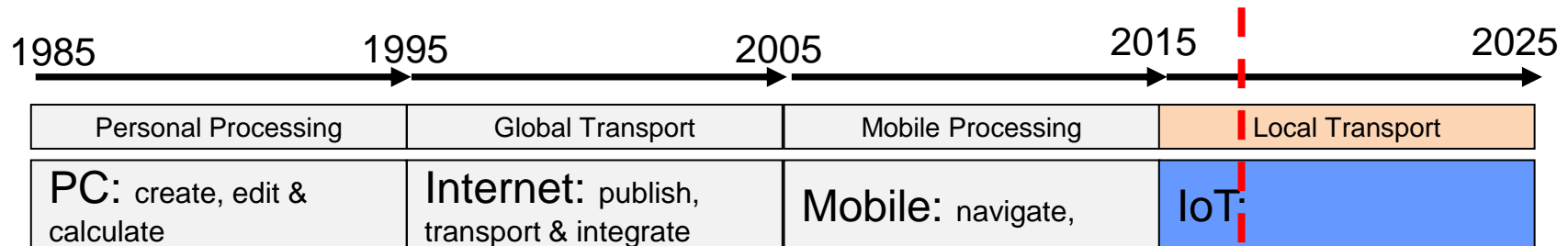
Full integration and industrialization to IT/GeoIT

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3.6 IoT Age: Outlook

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- New trends are difficult to detect beforehand



2017

- IoT with Smarthome applications
 - Amazon Alexa / others (based on NLP)
 - Philips Hue / others (based on zigbee)
- GeoloT might add the “where”
 - E.g. (Hue) lamps/printer/beamer/TV selection by “physical pointing to” with indoor position and indoor data model

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4. GeoIT Community

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GeoIT.org Members:



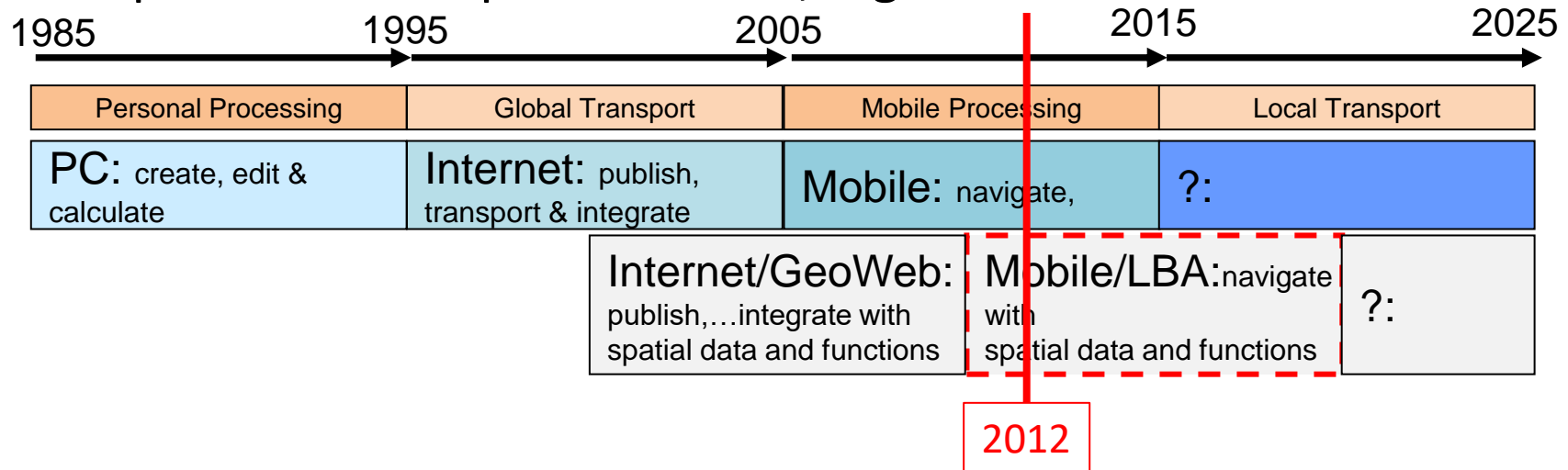
- Knowledge Exchange and Community
- Events
 - GeoIT Wherecamp Conference, next Nov. 30th
 - GeoMonday, evening events, 4 times a year
 - GISCO workshop, next Dec. 1st
 - support of new ideas, e.g. Tango
- Legal association (e.V.) with 50 personal and 13 corporate members

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4.1 GeolT Community / Association

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- O'Reilly Where 2.0 Conferences 2011 and 2012
- Multiple Wherecamps worldwide, e.g. San Francisco



Import of this motion into Europe and also into Berlin

- WherecampEU in 2011 in Berlin
- Wherecamp Berlin in 2012, 2013...2017, Philipp Kandal, Jan Nowak and Roland Wagner

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4.2 GeoMonday & Wherecamp Impressions

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Soon 16th GeoIT GeoMonday Edition
Soon 7th GeoIT Wherecamp Edition



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4.3 EU Galileo Hackathon

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4.4 Wherecamp with Prof. Thomas Blaschke

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4.5 Wearable Hackathon

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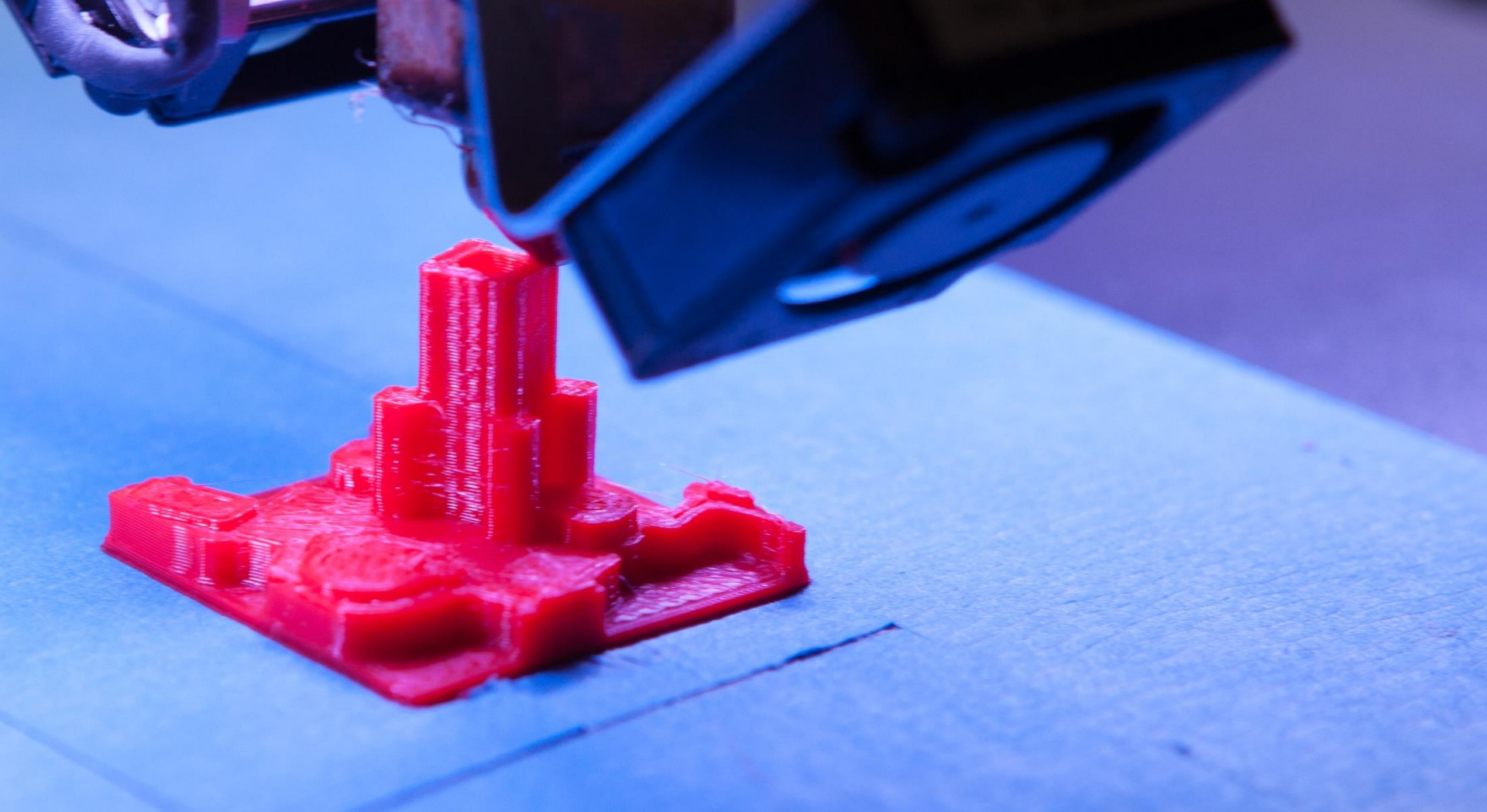
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4.6 Philipp Kandal (skobber) and Steve Coast (OSM)



4.7. Supported OSMBuildings.org => 3D Print Bridge

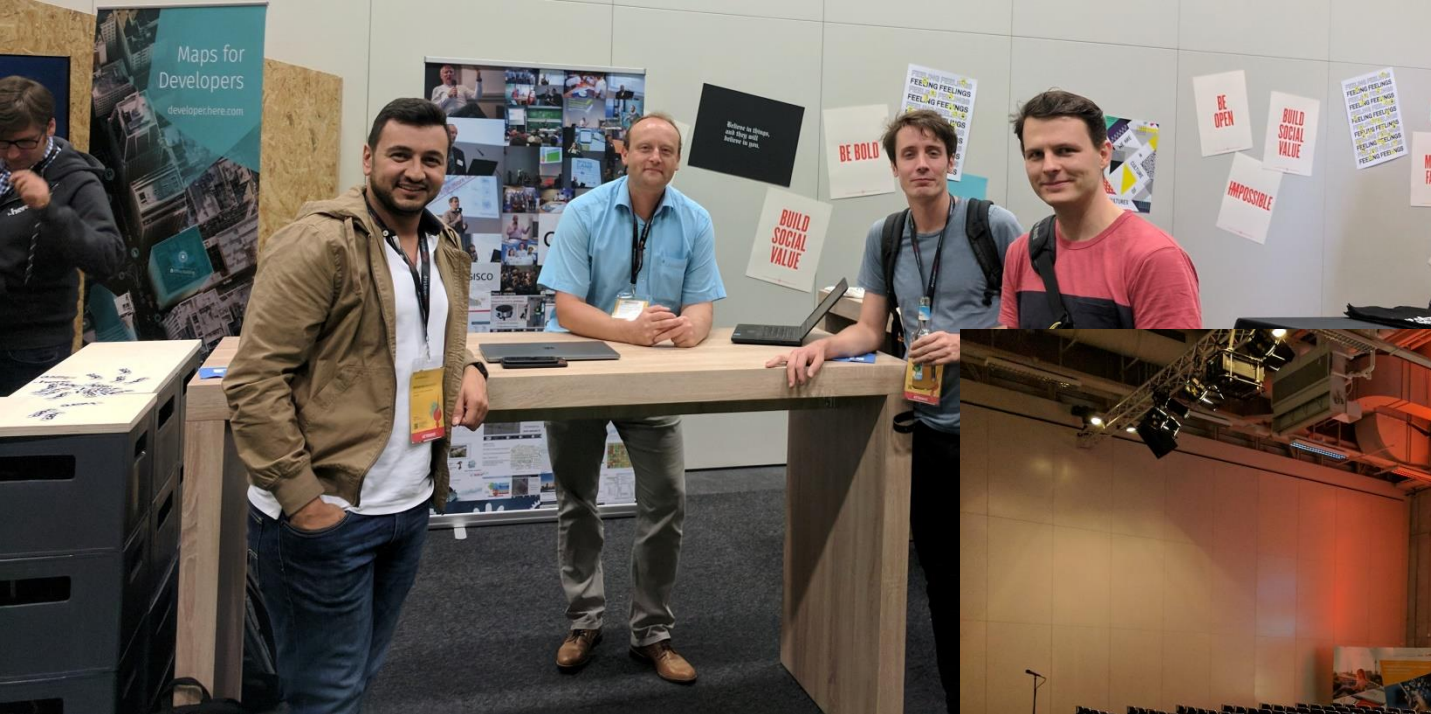
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4.8 Droidcon 2017 booth and Navigation Talks


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4.9 Videos of talks online

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wherecamp

Start

Trends

Abos

BIBLIOTHEK

Verlauf

Später ansehen

ABOS

Beliebt auf YouTu...

Sport

Gaming


Filme

Kanäle finden


YouTube-Filme

Etwa 1.290 Ergebnisse


Meintest du: *where camp*



1:51




1:03:59




1:04:48


geomonday



11:50



15:41



WhereCamp Berlin 2014

GeoMonday the 2nd - Talk 2: W

GeoMonday • Keine Aufrufe • vor 2 Jahren

Maps, users use on their computer, are built over centuries. However with more and ...

GeoMonday the 1st - Talk 2: Re

the importance of maps

GeoMonday • 7 Aufrufe • vor 2 Jahren

Our 2nd talk is really special. Wilken Holle v

community of horse riders a ...

E - Opening and geomonday.org

geoit org • 8 Aufrufe • vor 1 Jahr

Jan Nowak, Wherecamp Organizers.

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4.10 Attend, Join us and Contact

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- Attend the next events
- Join us as the association for 35 EUR / year as a personal member
- Association for Geoinformatics, GeoIT and Navigation e.V. (GeoIT.org)
 - Web: www.geoit.org
 - Twitter: @GeoltOrg
 - Personal....

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