Number Mapper

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Background

- Working for an operator, attending many meetings
- One day there was a problem…
  - Find a way of to map fixed & mobile numbers in a simple way
- … with some challenges
  - Avoid to visit shops physically
  - Avoid complex IT integration
  - Not just for own numbers (perhaps possible for **any** number)

… a weekend later

- Discussion happened shortly after TADSummit
- I put a couple of tools I wanted to try out for some time in a basket and built some small service
- Took only a weekend to get it “demoable”
- Managed to implement everything using partner’s tools and open-source software

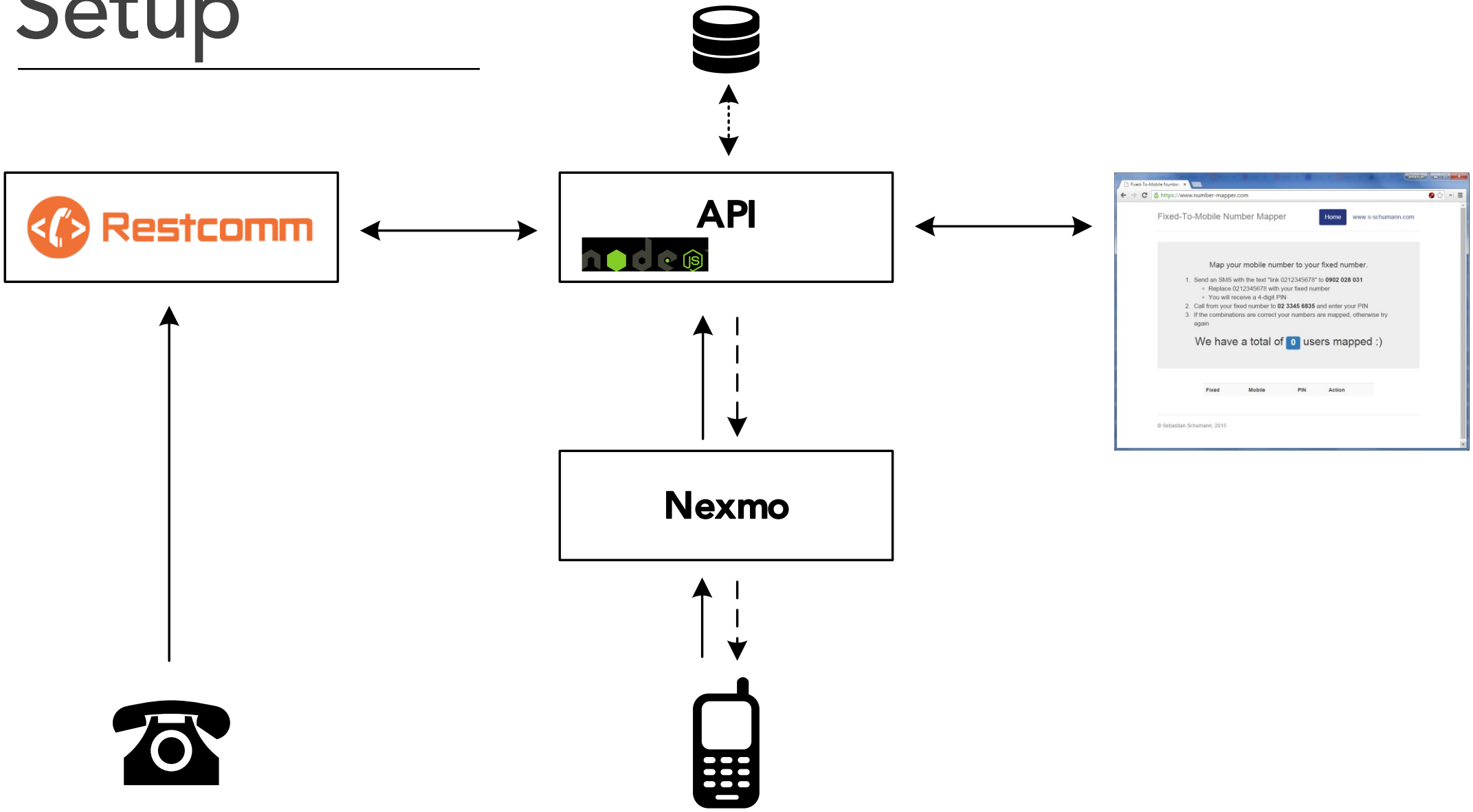
Tools

NGINX PM2 unirest

* Dev setup also consisted of
  Twilio & Nexmo for real-world #

TADHACK

Setup



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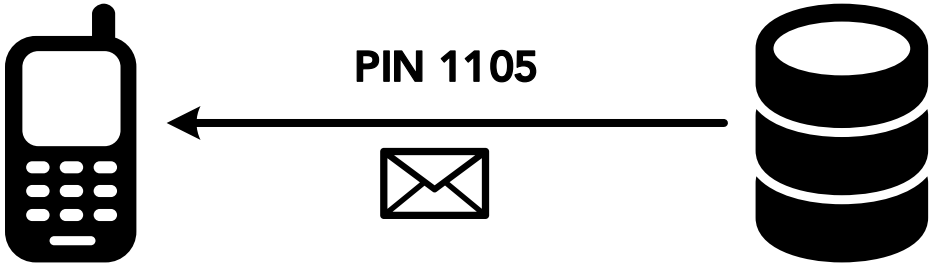
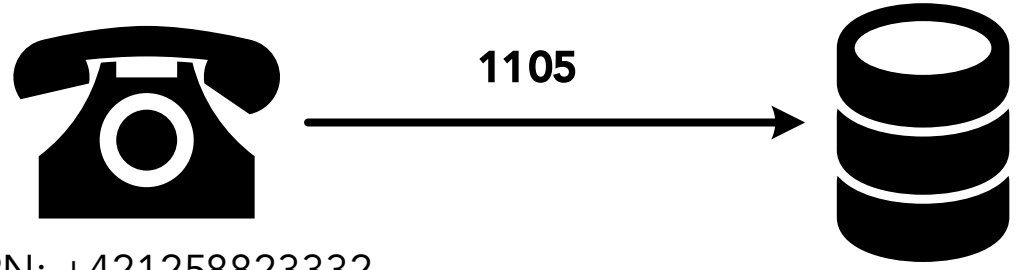
Process

CgPN: +421903419345

mobileNr	fixedNr	PIN	confirmed
421903419345	421258823332		



mobileNr	fixedNr	PIN	confirmed
421903419345	421258823332	1105	



CgPN: +421258823332

mobileNr	fixedNr	PIN	confirmed
421903419345	421258823332	1105	✓

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How did Restcomm help?

- Complete fixed line interaction designed using unique Restcomm designer (no paid-for tool has this)
- Text-to-speech integration
- Query external API to modify service settings
- Easy to deploy, configure. Support for commercial setup.

Restcomm's open-source – there's no reason not to try it.

TADHACK

Outlook

- It’s only an enabler, but cheaper than any possible internal solution
- …and with much more potential!
  - Not restricted to single operator, usable by anyone
  - Easy way to verify fixed numbers towards Internet services

Especially Alan for his tireless commitment to the ecosystem!

Thank you.

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