

SmsService Android App

RHoK Zürich 2011

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What

- SMS Web API hosted on Android
- Allows to send / receive SMS via HTTP
- Enables RHoK solutions requiring SMS, e.g. <http://www.rhok.org/problems/local-bus-information>



“Bus to
Kabul in
5 min”



Why?

- Runs everywhere, with a local SIM card
- Can be hosted by anybody (e.g. small NGO)
- Allows donating SMS credits / CPU cycles by simply downloading and running the App
- Reuse of old smartphones

- Provider independent Web API
- Open standards, not limited to Android

How?



- Smartphone App
- Apps can send SMS
- Apps can be Web servers
- (Smartphone) Web servers behind a firewall can be made accessible from a known URL, e.g. <http://try.yaler.net/sms-service>
- Web / desktop app can be hosted elsewhere

Bus Demo

Send “Location Destination” to **076 783 90 87**

(e.g. if you’re in Baden and going to Bern, send “**Baden Bern**”)

Bus Stops on
Zürich-Bern-Express:



SmsService

Relay Config

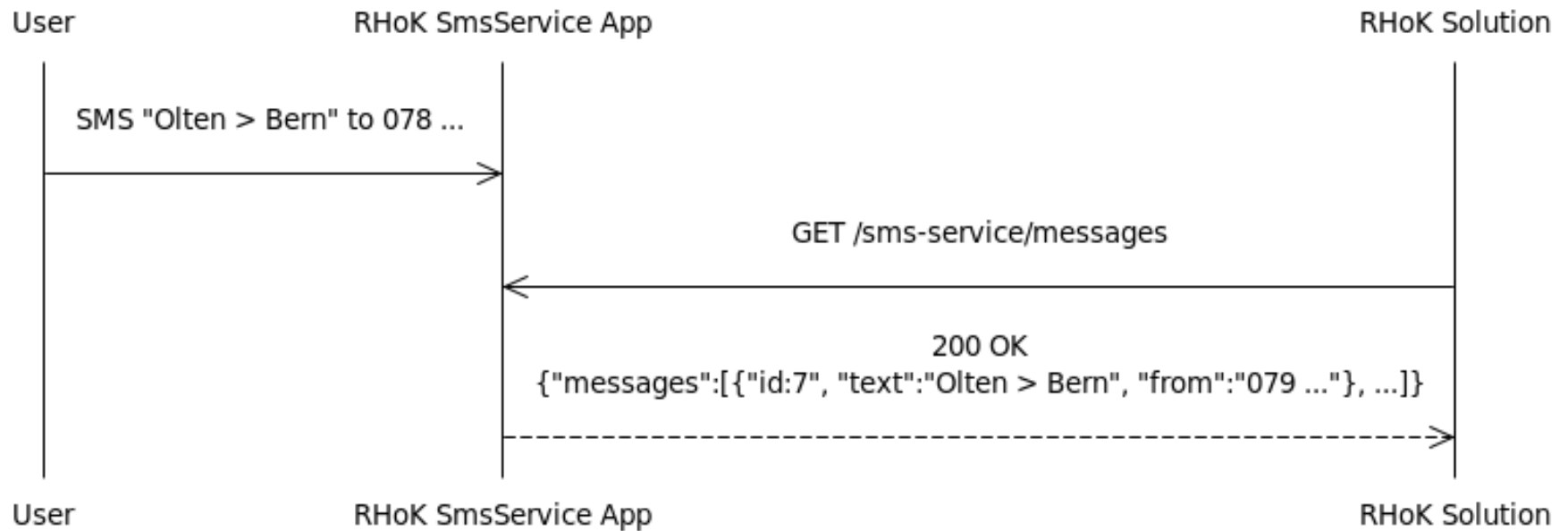
Host

Port

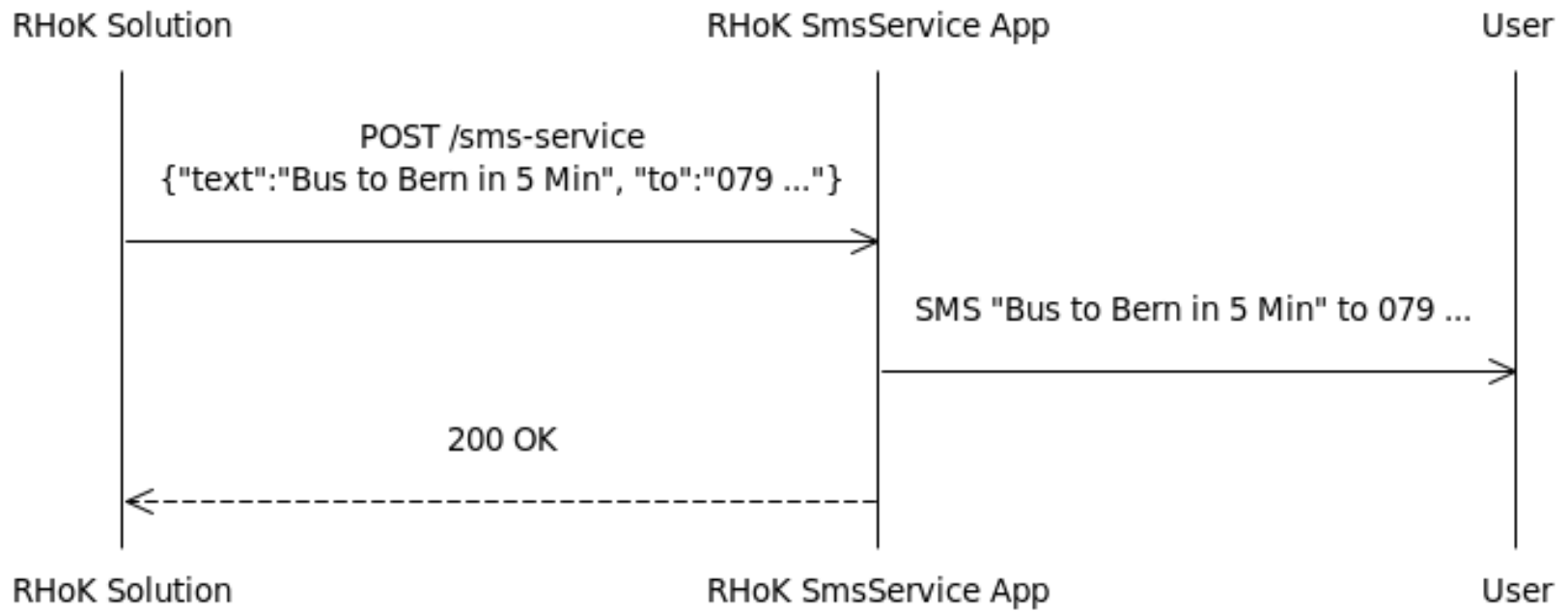
Domain

Max SMS per Day

Receiving SMS



Sending SMS



<https://bitbucket.org/tamberg/rhok>

Thanks.

