Welcome to Osmocom Conference 2017

Harald Welte <hwelte@sysmocom.de>
A diverse audience

- Osmocom developers
- Commercial cellular Operators
- Community Wireless Network Operators
- IT Security
- Academia / Research
- Vendors of BTS hardware / PHY layers
- M2M / IoT Device Testing
Thanks to

- Heike for organization, backoffice, registration
- Maike for ticket sales, registration
- our hosts here at JGH Berlin
- our Speakers
- the anonymous sponsor of the travel grants
- C3VOC of Chaos Computer Club for video recordings
- Everyone who ever contributed code to Osmocom!
### Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>10:00</td>
<td>10:30</td>
<td>Morning Break</td>
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<tr>
<td>12:30</td>
<td>13:30</td>
<td>Lunch Break</td>
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<tr>
<td>15:30</td>
<td>16:00</td>
<td>Afternoon Break</td>
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<tr>
<td>19:30</td>
<td>-</td>
<td>Social event (doors)</td>
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<tr>
<td>20:00</td>
<td>-</td>
<td>Social event (food)</td>
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and lots of technical talks in between, of course
Social Event

- Address

Restaurant "Zur Gerichtslaube"
Poststr. 28
10178 Berlin

- We have leaflets with map + address informations
- Get there: By yourself, using public transport or cabs
- Vegetarian + Vegan option available upon request
Where do we come from?

- 2008: Humble beginnings with bs11_abis + bsc_hack
  - Dieter Spaar + Harald Welte start with old Siemens BS-11 and ISDN-Card
  - implement whatever needed beyond the BTS to simulate a telephony network
  - turned into OpenBSC in December 2008

commit 52b1f9888905df8aa6ecd50af900b63f5273de6a
Author: Harald Welte <laforge@gnumonks.org>
Date:   Tue Dec 23 20:25:15 2008 +0000

initial commit of current OpenBSC state
From OpenBSC to Osmocom

- **2009**: OpenBSC code matures beyond PoC
- **2009**: Support for ip.access nanoBTS
  - first multi-vendor BSC to our knowledge
- **2010**: OsmocomBB project starts for phone-side GSM stack
- Start of Osmocom as umbrella project for OpenBSC + OsmocomBB
Osmocom 101

- umbrella project for Open Source Mobile Communications
- FOSS developers exploring mobile communications
- much larger than the Cellular Infrastructure projects we talk about today
  - TETRA, Thuraya, DECT, OP25, SDR, SIMtrace and many others
  - 59 projects in https://osmocom.org/ redmine
  - 112 git repositories on https://git.osmocom.org/
- most well-known typically OsmocomBB, OpenBSC + rtl-sdr
Community + Collaborative Development

- Free Software is about **collaborative development**
  - shared investment in R&D, while everyone can use full results
  - it is **not** about a one-way producer/consumer relationship
- sustainable projects need serious commitment contributions from all stake holders
 founded in 2011 by two core Osmocom developers
exists to drive/support Osmocom development
does not claim (nor want) ownership over any part of Osmocom
organizes this event as Osmocom is no legal entity
unfortunately is doing >= 80% of commits in Osmocom cellular infrastructure projects.

- Osmocom must not depend on sysmocom
- we need more commitment and contributions from all users and beneficiaries
End of File