Developing like there is no tomorrow

Software as a Circus

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Let us know what you think

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Join the conversation gotoldn
• Est. 2001 based in Amsterdam
• Enterprise software for large companies
• Heavily invested in Java & OSGi
• Focused on sports and entertainment
Senior Technology Architect
Est. 2013
Joint venture with Dexels
Custom hardware for large events
• Sendrato Technology
• DEMO!
• Hardware from a Software perspective
Base Station
Base Station
What can it do?

- Low res positioning
- Light shows using the LED’s
- Bracelets connects
- Detect button presses
Why?

- Profile people
- Light shows using the LED’s
- Button press ≈ Social media like
- Social Media Connects
- Passive RFID Check-ins
Demo!
Deploy to production
This isn’t very agile...
So how did this end up in the Agile track?
Hardware from a Software Perspective
Agile
Lean
Rugged
Agile wearables

- We can’t change shipped hardware
- We can’t update firmware in the field*
- We can update everything else
Lean wearables

- Keep it minimal
- Power consumption
- Put complexity elsewhere
Rugged wearables
“Event oriented development”
Then the festival draws near...
... and it is complete chaos
Reduce dependencies

- Battery powered base stations
- Pluggable network layer
- Embedded GPS to facilitate deployment
Final thoughts
Thanks!
@lyaruuu
@sendrato
Please remember to rate this session.

Thank you!