Presenter

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• Enterprise Architect, Nordic
• 1,5 years with Qlik
• Previous worked with Cloud technologies (IaaS, PaaS & SaaS)
Why are **extensibility** and **integration** important?

- SaaS
- Cloud Computing
- Big Data
- Distributed Computing
- New visualization approaches

- A rich set of APIs is crucial to competing and implementing in these emerging technical environments
“It could be nice if we could...”
...now you can
Be open minded and **think** out of the box

Det har jag aldrig provat tidigare så det klarar jag helt säkert.

– Pippi Långstrump
Tolerance
Tillid
Demokrati
Ytringsfrihed
Arbejde
Ligestilling
Religions frihed
Respekt
Revolutionary self-service data visualization
...three products
Three products

• Revolutionary **self-service** data visualization
• Extensic **Qlik Sense Desktop**
• Website **integration** builder
Let's get our hands dirty

• Create a visualization
• Integrate to the Qlik Sense engine
• Update with your own ideas
• Create integration to a website
APIs in Qlik Sense
APIs in Qlik Sense

Frontend APIs
- Qlik Engine API
- QlikSense.NET SDK
- QlikSense Workbench
  - Extensions API
  - Backend API
  - Mashup API

Backend APIs
- Qlik Sense Repository API
- User Directory Connector API
- Qlik Sense Proxy Service API
  - Authentication API
  - Logout API
  - Personal API
  - Session Module API
  - Load Balancing API
- Qlik QVX SDK
Get your **self** up to speed

- HTML5
- CSS3
- jQuery
- JSON
- SVG
Complementary Tools
Tools to use

• Workbench
  – http://localhost:4848/workbench

• Branch
  – http://branch.qlik.com/
Other useful **Tools** and Resources

**Postman**
- Supercharge your API workflow
- A powerful HTTP client
- Create and send any HTTP request
- History & Collections

**Fiddler**
- HTTP/HTTPS Traffic Recording
- Web Session Manipulation
- Web Debugging
- Security Testing
- Performance Testing
Q & A
Thank You