# SOA, REST and the Web

QCon London 2008

Stefan Tilkov, stefan.tilkov@innoq.com

# A Quiz with Quotes

*"No matter how hard I try, I still think the WS-* stack is bloated, opaque, and insanely complex. I think it is going to be hard to understand, hard to implement, hard to interoperate, and hard to secure."*

Tim Bray, XML Co-inventor

http://www.tbray.org/ongoing/When/200x/2004/09/18/WS-Oppo

Copyright (c) 2007 innoQ

*"Show me the interoperable, full and free implementations of WS-* in Python, Perl, Ruby and PHP. You won't see them, because there's no intrinsic value in WS-* unless you're trying to suck money out of your customers. Its complexity serves as a barrier to entry at the same time that it creates 'value' that can be sold."*

Mark Nottingham, ex BEA, now Yahoo!,
former WS-Addressing WG Chair

http://www.mnot.net/blog/2006/05/10/vendors

Copyright (c) 2007 innoQ

*Frankly, if I were an enterprise architect today, and I were genuinely concerned about development costs, agility, and extensibility, I'd be looking to solve everything I possibly could with dynamic languages and REST, and specifically the HTTP variety of REST. I'd avoid ESBs and the typical enterprise middleware frameworks unless I had a problem that really required them [...]. I'd also try to totally avoid SOAP and WS-*.*

Steve Vinoski, formerly IONA

http://steve.vinoski.net/blog/2007/10/04/the-esb-question/

Copyright (c) 2007 innoQ

*SOAP was known to be a bad idea in 1999 and, in spite of our comments to that effect, the industry still insisted on proving that for themselves.*

Roy T. Fielding

rest-discuss mailing list, Sunday, 12 Nov 2006 14:16:36

Copyright (c) 2007 innoQ

*If you're ready for REST I suggest you jump on board right away and get ahead of the curve […] You'll have to train your developers in REST principles. [...] You definitely need to provide guidance to your people. What you want to do is work to the point where REST becomes the default for all your distributed applications.*

Anne Thomas Manes, Burton Group

http://searchwebservices.techtarget.com/originalContent/0,289142,sid26_gci1256796,00.html

Copyright (c) 2007 innoQ

*To anybody who's paying attention and who's not a hopeless partisan, the war between REST and WS-* is over. The war ended in a truce rather than crushing victory for one side--it's Korea, not World War II. The now-obvious truth is that both technologies have value, and both will be used going forward.*

David Chappell

http://www.davidchappell.com/blog/2007/06/rest-vs-ws-war-is-over-if-you-want-it.html

Copyright (c) 2007 innoQ

*"Want to be cool? Learn REST.*
*Want a career? Learn WS."*

Steve Jones, Cap Gemini

http://service-architecture.blogspot.com/2006/11/want-to-be-cool-learn-rest-want-career.html

Copyright (c) 2007 innoQ

# The Track

# 11:00-12:00 Stefan Tilkov

REST: A Pragmatic Introduction to the Web's Architecture

# 13:00-14:00 Paul Fremantle

Using REST to aid WS-* – Building a RESTful SOA Registry

# 14:30-15:30 Steve Vinoski

REST, Reuse, and Serendipity

# 16:00-17:00 Mark Little

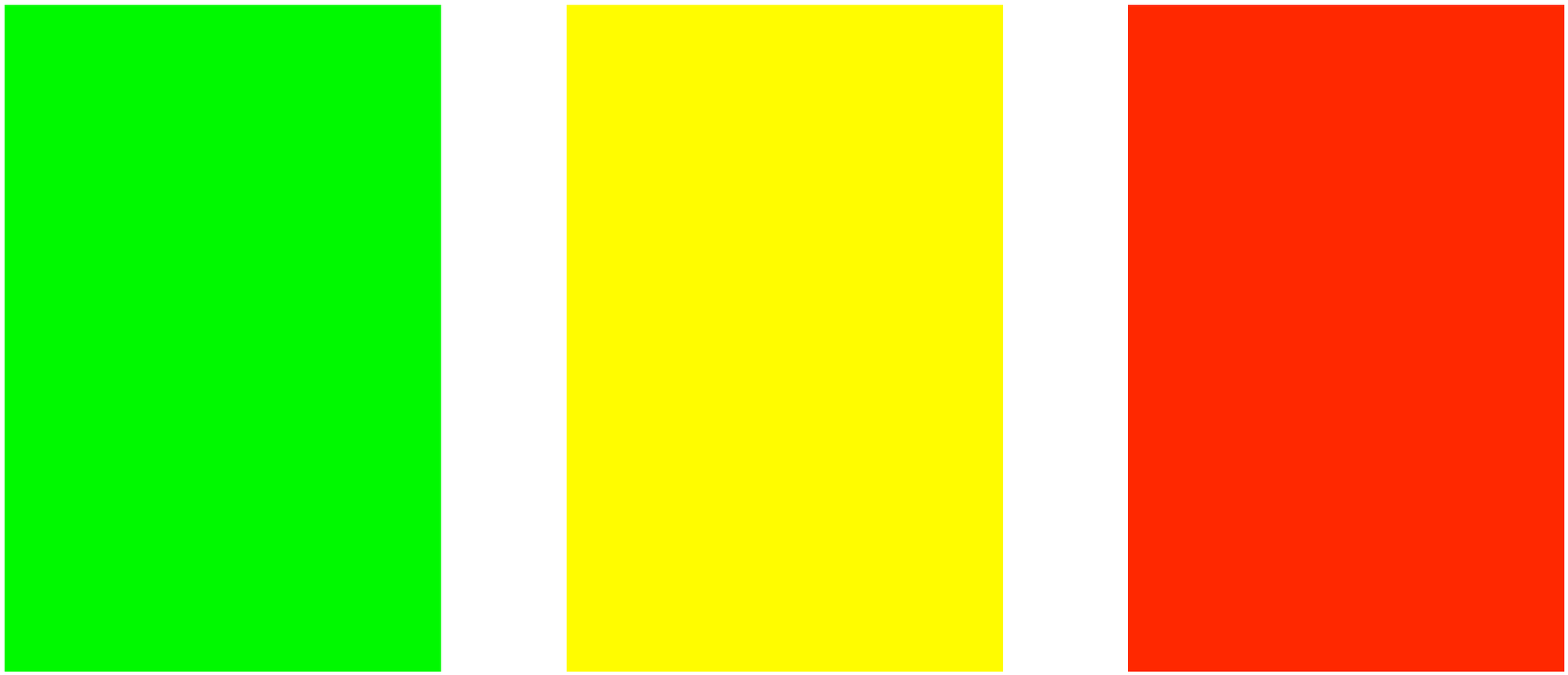
Diary of a Fence-sitting SOA Geek

# 17:15-18:15 Jim Webber

A Couple of Ways to Skate an Internet-scale Cat

# 3 Things in Summary

1. There's a lot to debate.
2. We can do it on our own.
3. But it would be much more fun with you.



Write down your comments, too

# Thanks!