



Web Standards Compliance Out Of the Box with OpenSAGA
Building web applications in a saner way

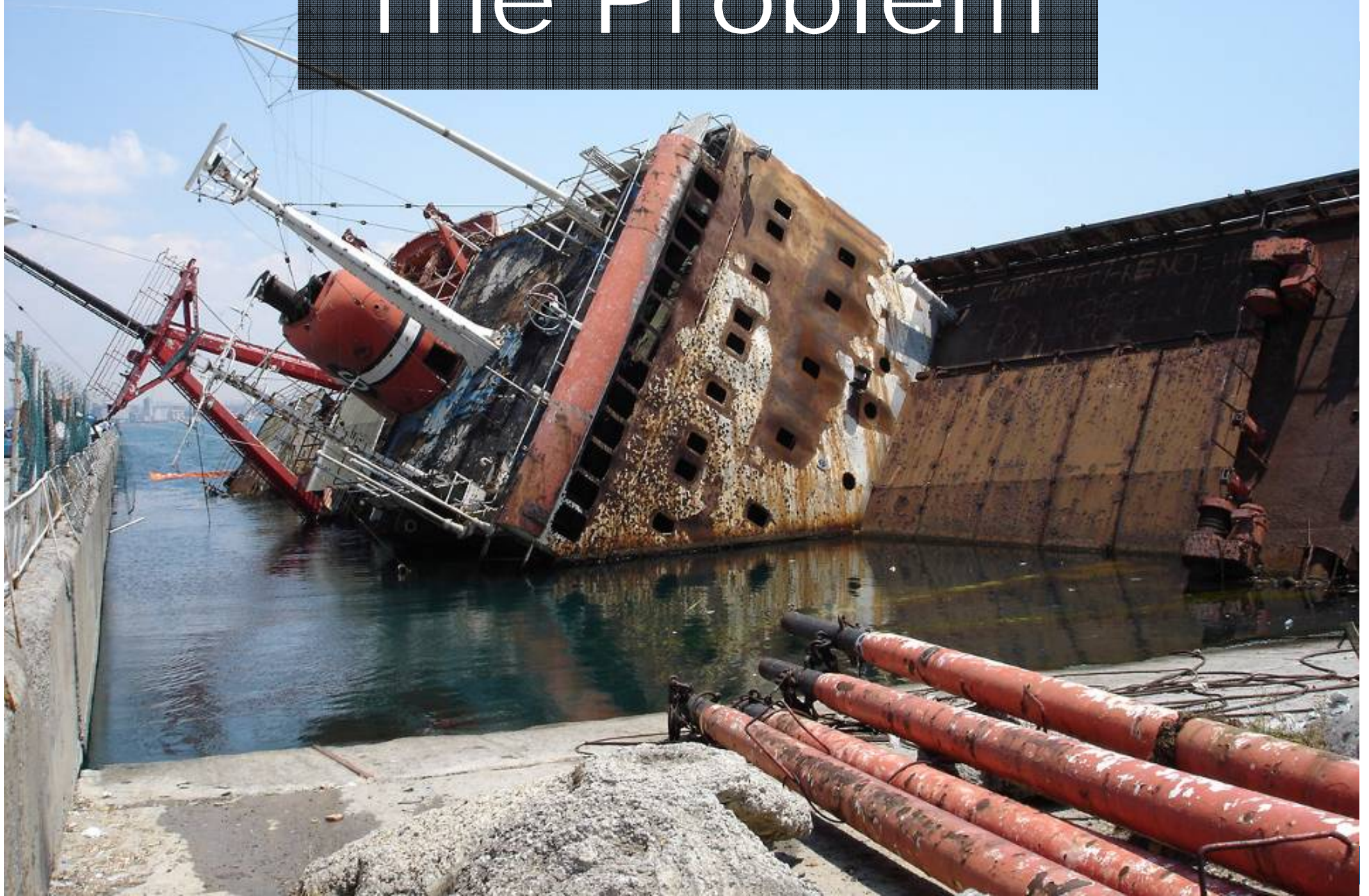
<http://www.opensaga.org>

Agenda

- The Problem
- Our Opinion
- The Results
- Discussion



The Problem



Modern web application
frameworks are way
too generic!

Just think about web **scopes**:

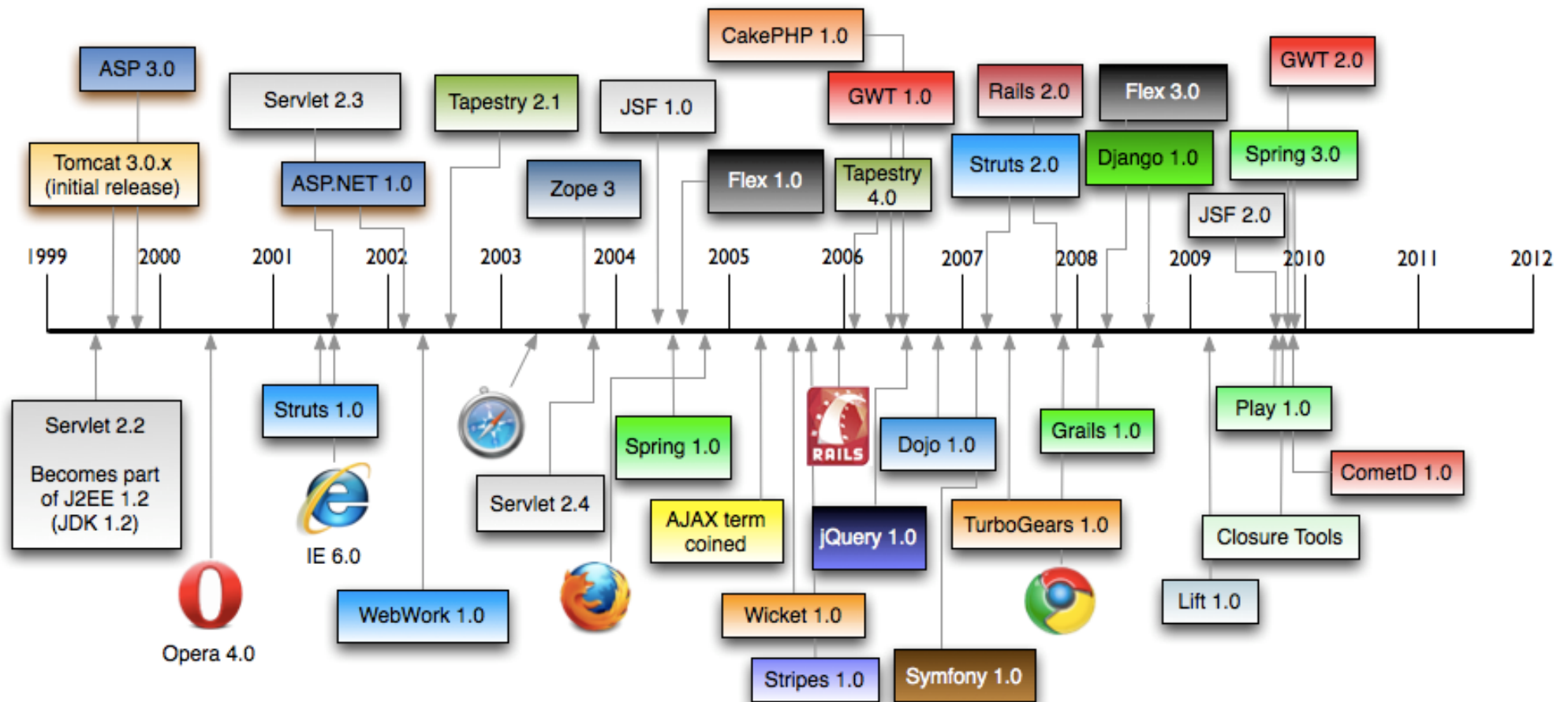
- Facebook
- Twitter
- SAP Business By Design
- Intrexx Xtreme
- Campus Management
- ...

Modern web application
frameworks are way
too complex!

Just think about the **effort** required to learn:

- UI Design (HTML 5, multitudes of browsers, Dojo, JQuery, JSF, JSP, Servlets, Roo, Grails, Ruby on Rails, ...)
- Architecture (Dependency Injection, Event Driven Architectures, Cloud, ...)
- Persistence (PSQL, EJB, Active Record, Hibernate, Linq, NoSQL, ...)

Modern web application
frameworks are way
too short-lived!



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Modern web application
frameworks are way
too technical!

Just think about the **customer** interests:

- Accessibility
(BITV in Germany)
- Security
(BSI-Grundschutzhandbuch in Germany)
- JavaScript-less environments
(some ministries)



Our Opinion



"The Business Case Manifesto"

Thou shalt develop frameworks
that solve real world problems
(instead of technical ones)!

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that solve real world problems
(instead of technical ones)!



OpenSAGA: A web development platform for
SAGA compliant E-Government applications.

Thou shalt develop frameworks that
solve problems directly
(instead of just providing the screws)!

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(instead of just providing the screws)!



OpenSAGA – **Example #1: Accessibility**

Thou shalt develop frameworks that
solve problems directly
(instead of just providing the screws)!



OpenSAGA – **Example #1: Accessibility**

93 out of 100 points in the standardized BITV
test **without *any* effort!**

Thou shalt develop frameworks that
solve problems directly
(instead of just providing the screws)!



OpenSAGA – **Example #2: Security**

Thou shalt develop frameworks that
solve problems directly
(instead of just providing the screws)!



OpenSAGA – **Example #2: Security**

BSI-Grundschutz-Compliance in preparation!

Thou shalt develop frameworks that
solve problems directly
(instead of just providing the screws)!



OpenSAGA – Example #3: Time to Productivity

Thou shalt develop frameworks that
solve problems directly
(instead of just providing the screws)!



OpenSAGA – **Example #3: Time to Productivity**

Model driven (no UML), technology neutral

Thou shalt develop frameworks for
application developers
(not framework developers)!

Thou shalt not design
by democratic committee!



The Results

- Time to become a self-sufficient team member:
Reduced from 1-2 years to 1-4 months.
- Time to develop standard applications:
Reduced by 30-70%.
- Time to find the (real) requirements:
Increased by 10-20%.

Thanks! Questions?

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