

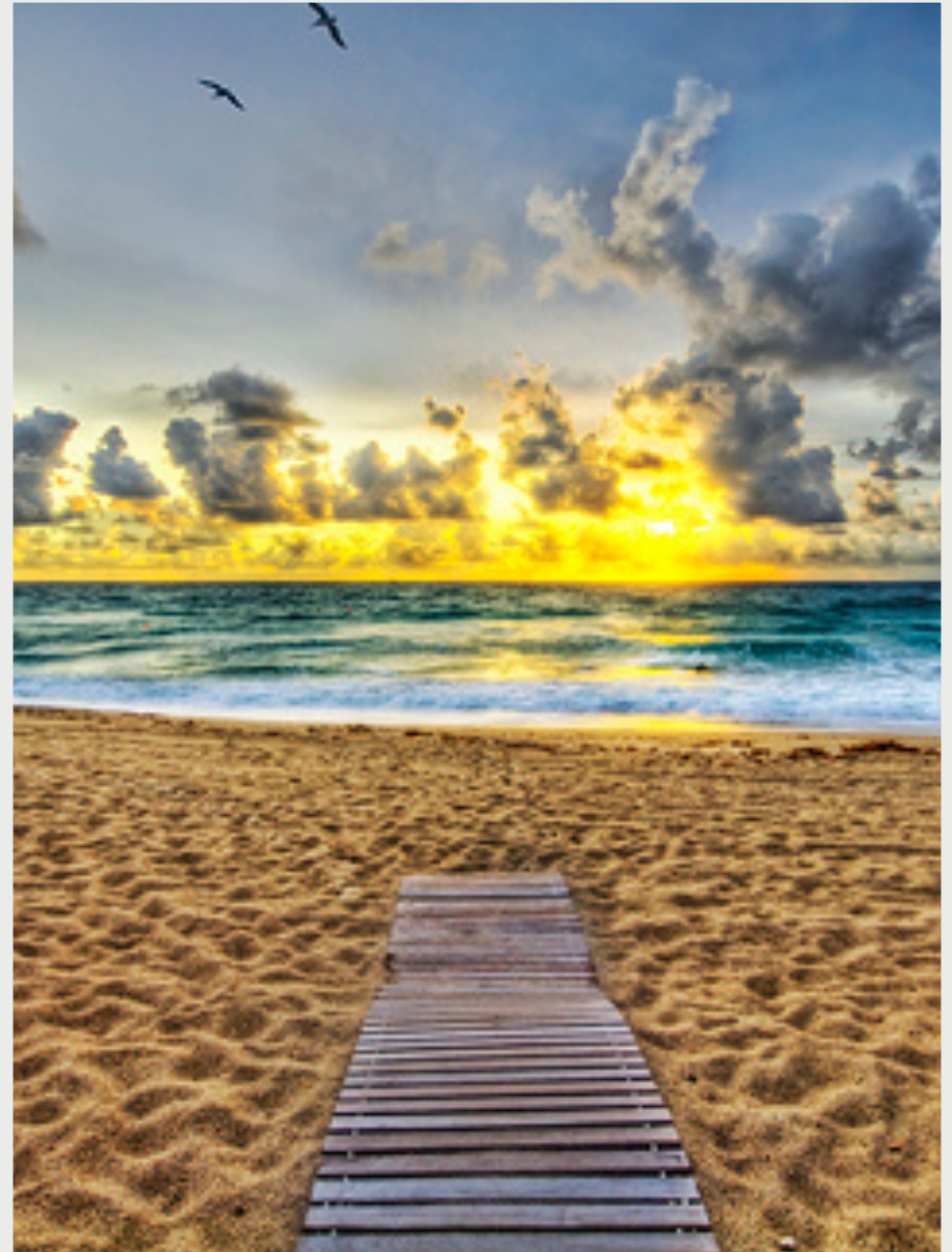
THE FUTURE OF WEB FRAMEWORKS



Matt Raible
<http://raibledesigns.com>

INTRODUCTIONS

- Web Framework Survey
- Framework Developer?
- Mobile Developer?
- What would you like to see in future web frameworks?



Blogger on raibledesigns.com

Father, Skier,
Cyclist

Web Framework Connoisseur

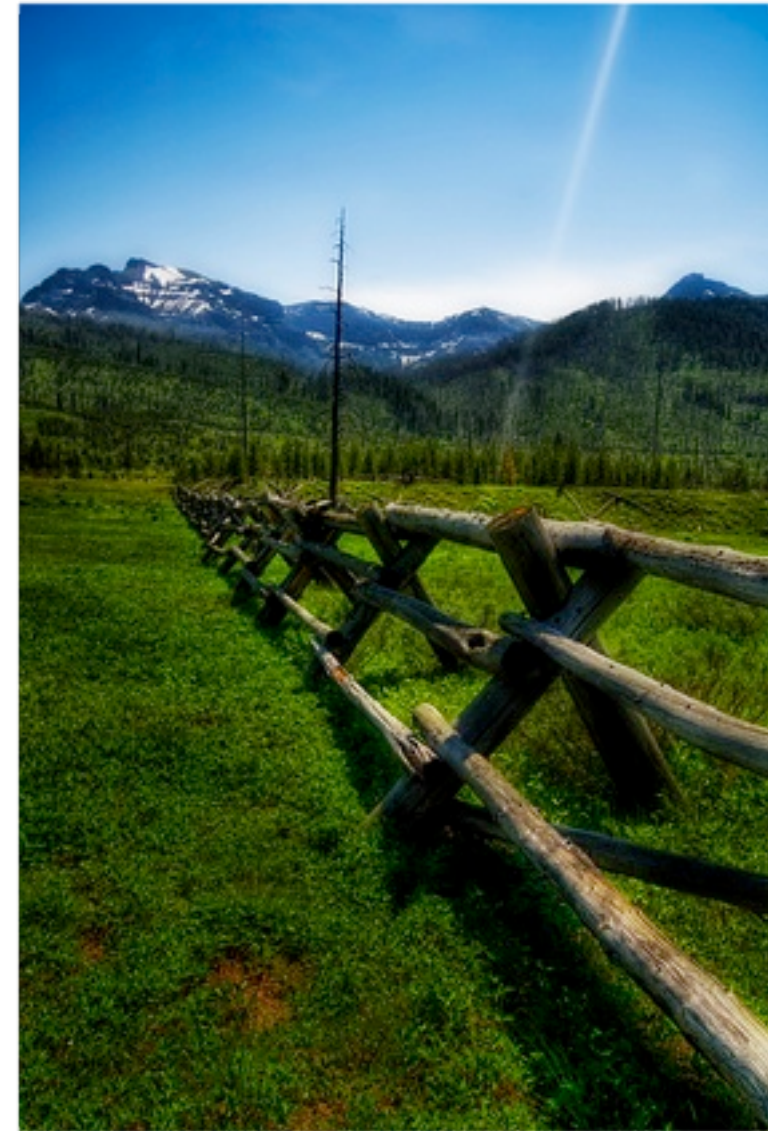
Montana Native

Founder of [AppFuse](http://AppFuse.com)

Who is **Matt Raible**?

SESSION AGENDA

- How did we get here?
- Where are we going?
- How do we get there?
- 2011++
- Conclusion
- Q and A



HISTORY OF WEB FRAMEWORKS

- Deep History (CGI, etc.)

- Java's Rise

- PHP

- AJAX

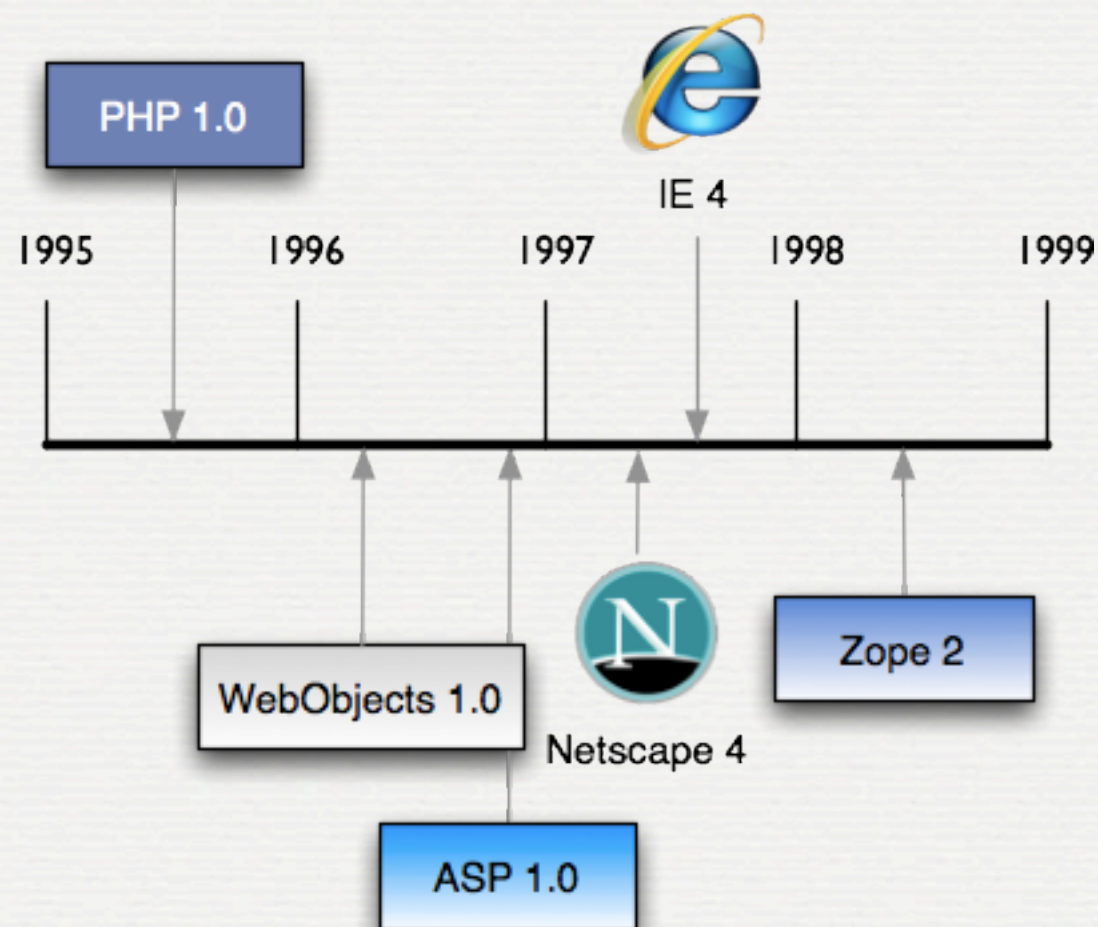
- Rails -> Grails

- RESTify!

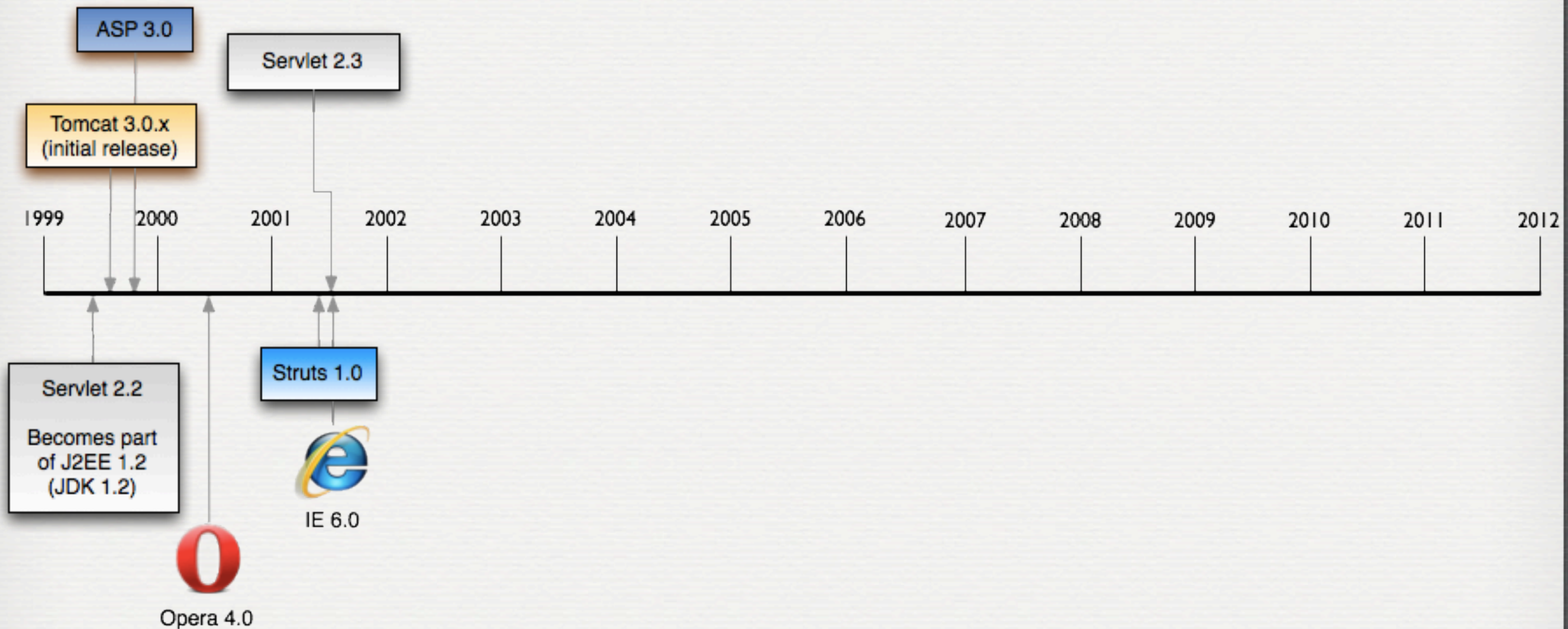
- SOFEA, APIs, etc.



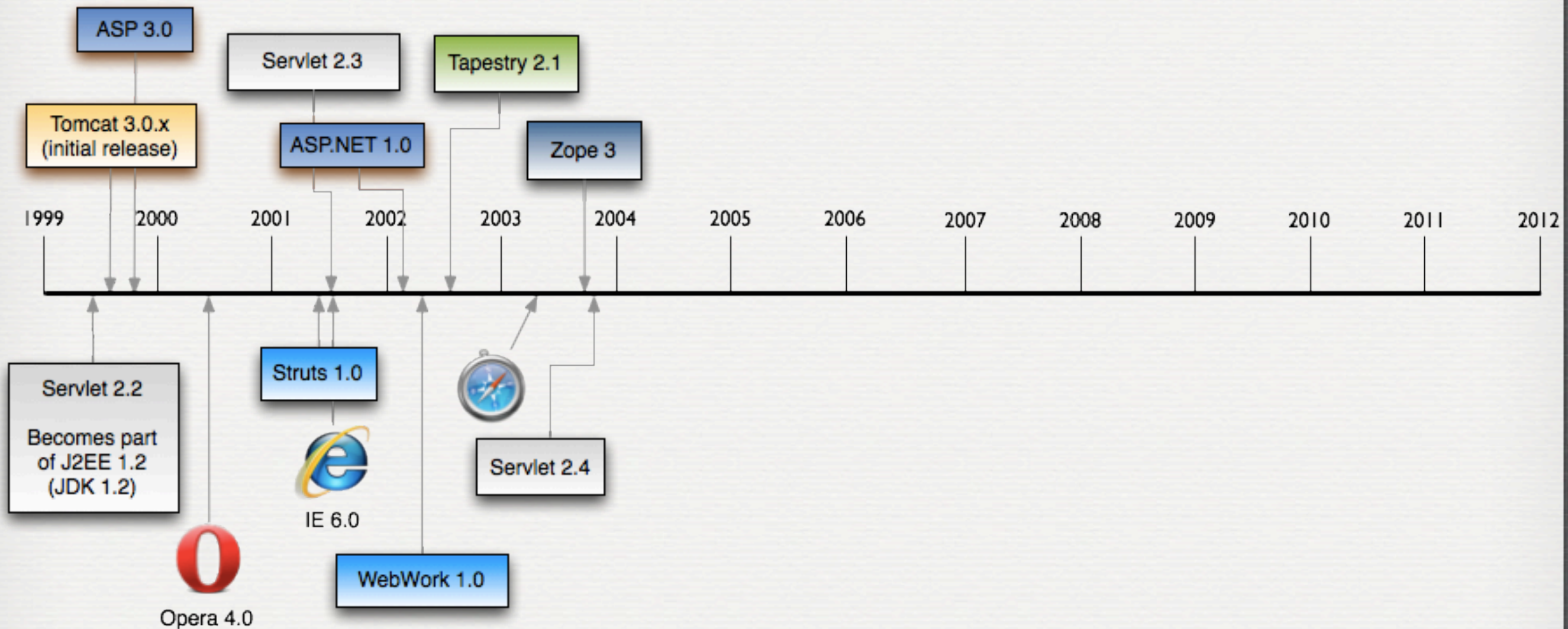
HISTORY OF WEB FRAMEWORKS



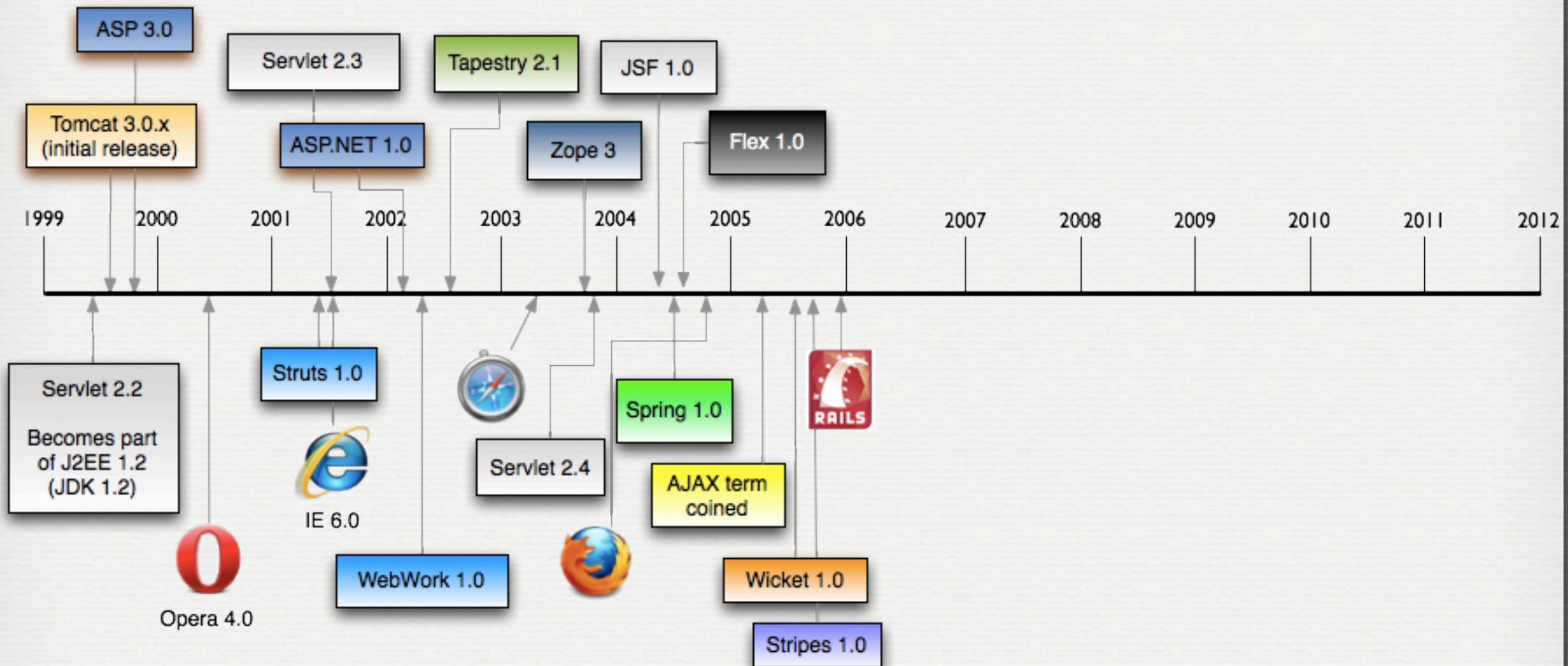
HISTORY OF WEB FRAMEWORKS



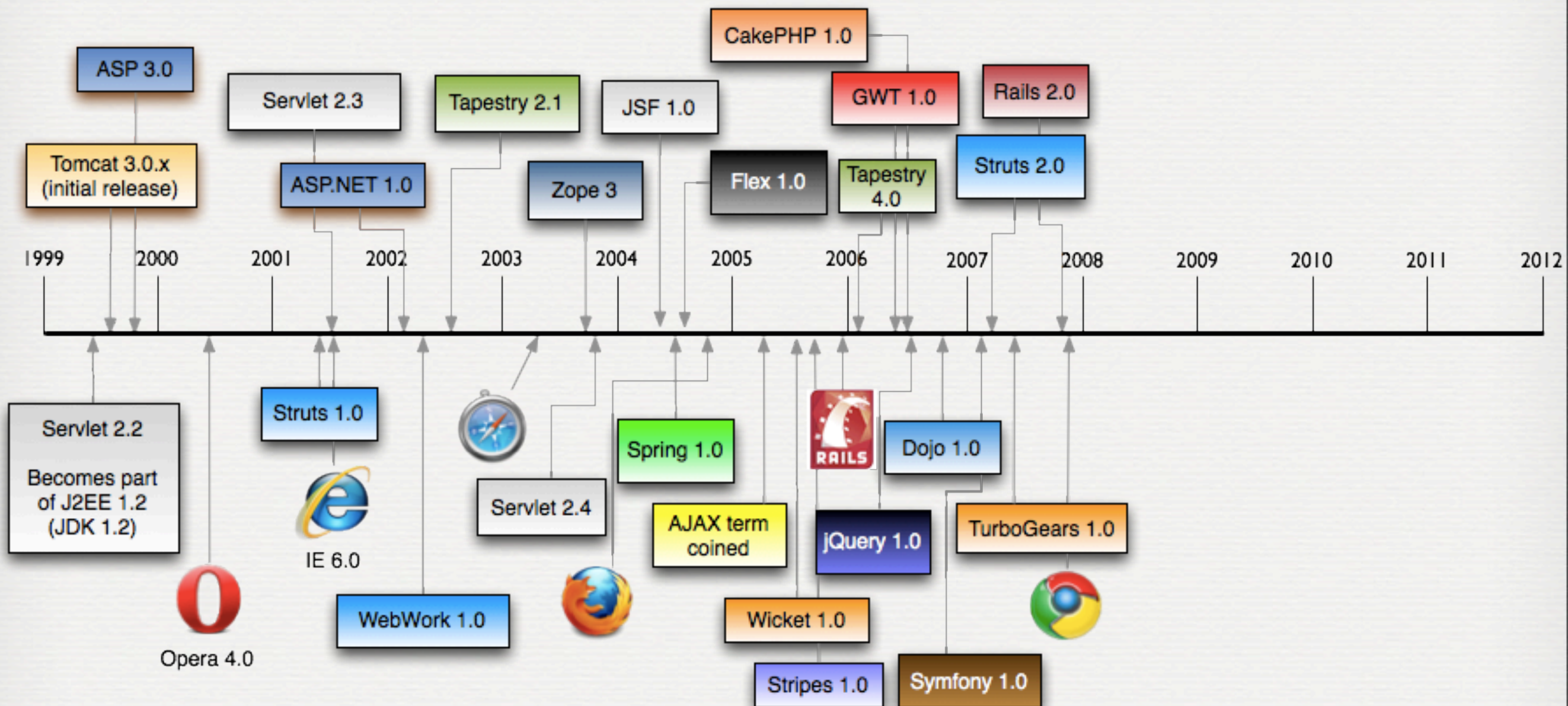
HISTORY OF WEB FRAMEWORKS



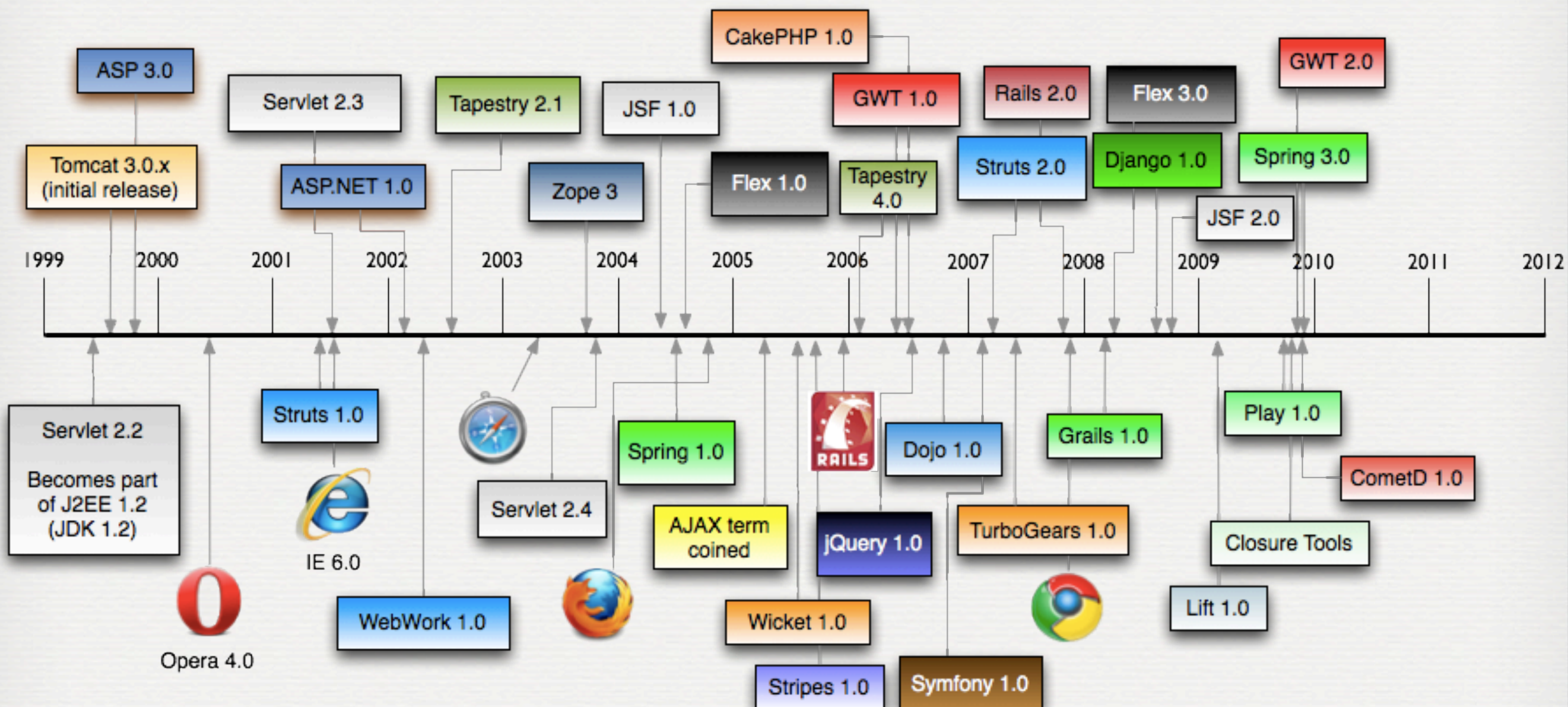
HISTORY OF WEB FRAMEWORKS



HISTORY OF WEB FRAMEWORKS



HISTORY OF WEB FRAMEWORKS



MVC VS. COMPONENTS

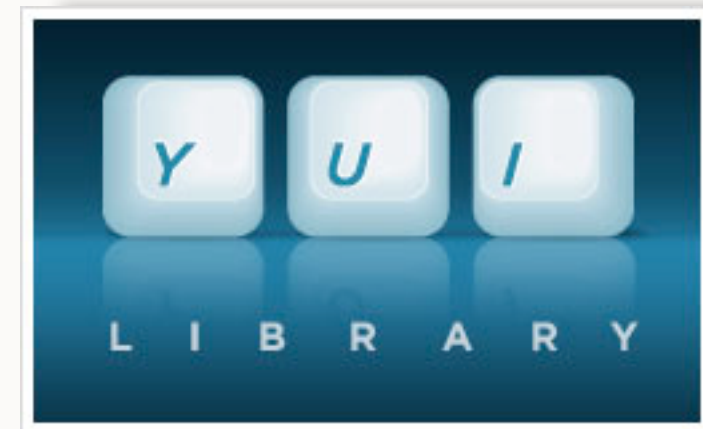
Struts



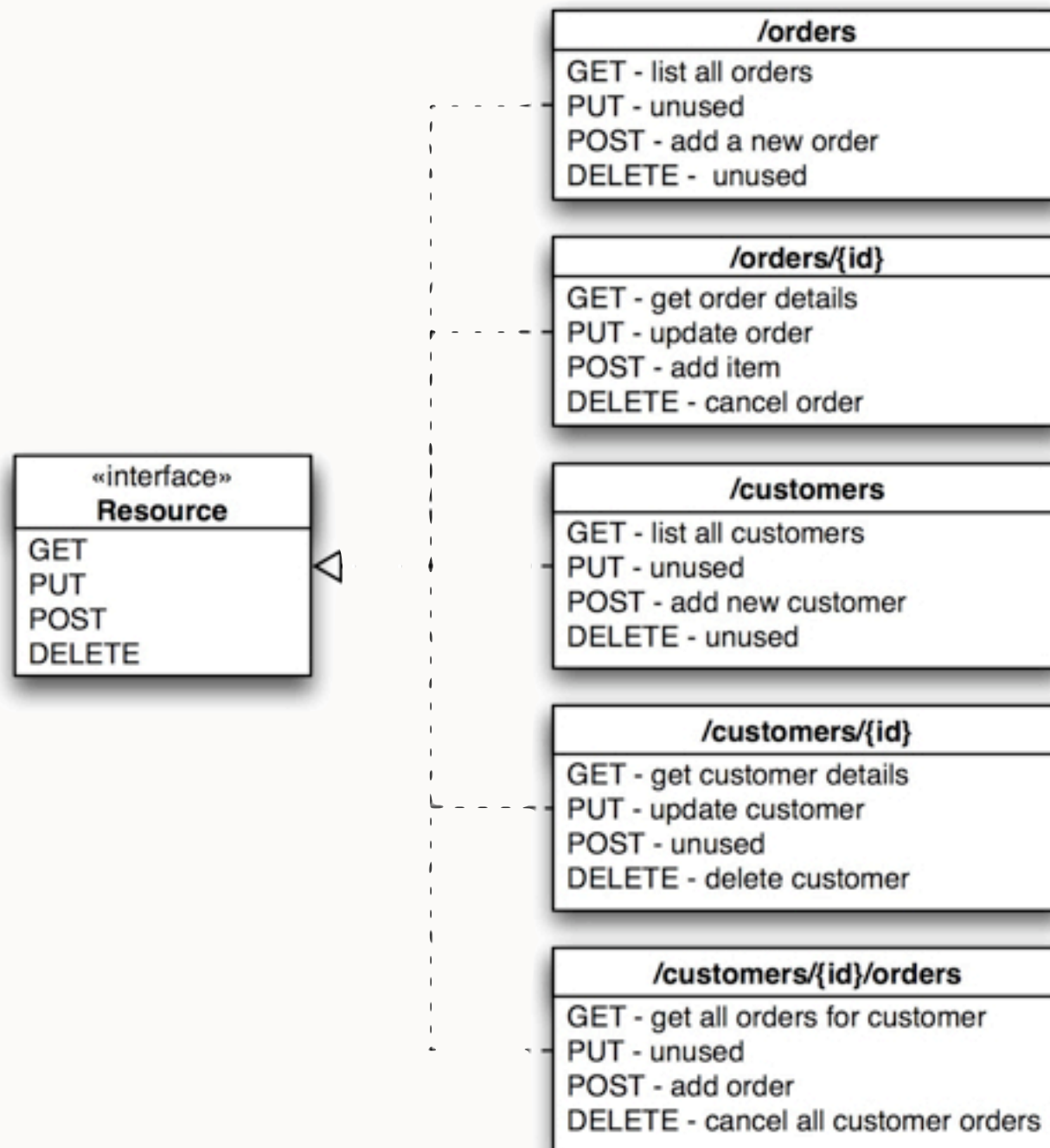
///Stripes



WHAT ARE COMPONENTS?



REST

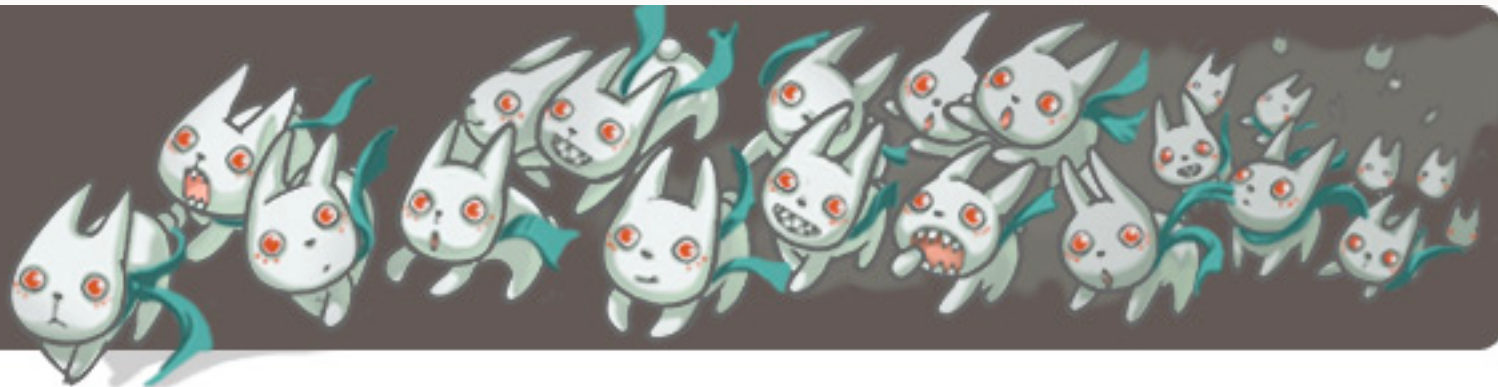


API

CLUSTERING TO CACHING



 **EHCache**



NOSQL



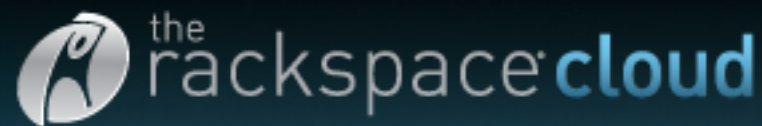
Project Voldemort
A distributed database.



Cassandra



CLOUD

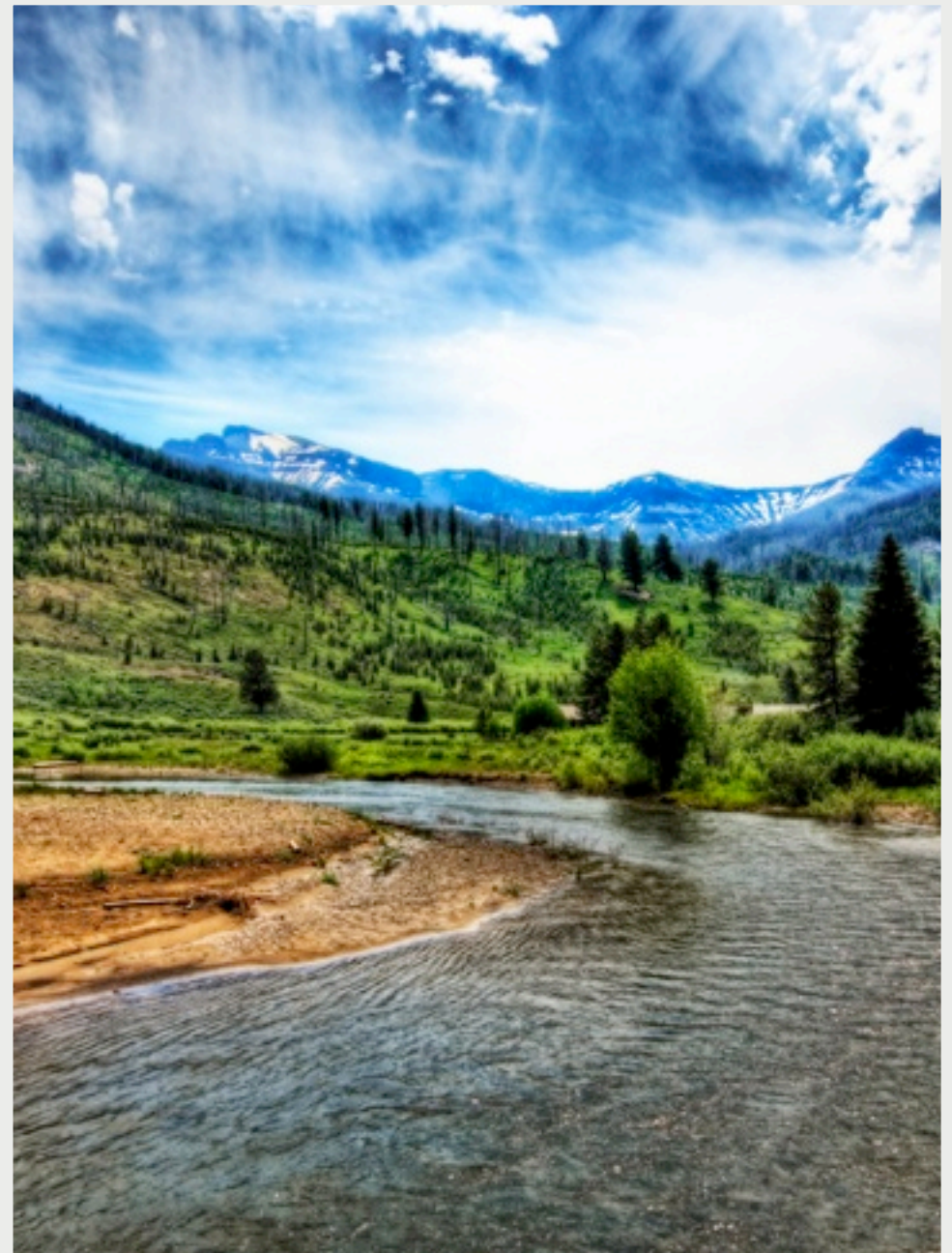




IT'S BEEN PRETTY DAMN AWESOME, EH?

THE FUTURE

What's around the bend?



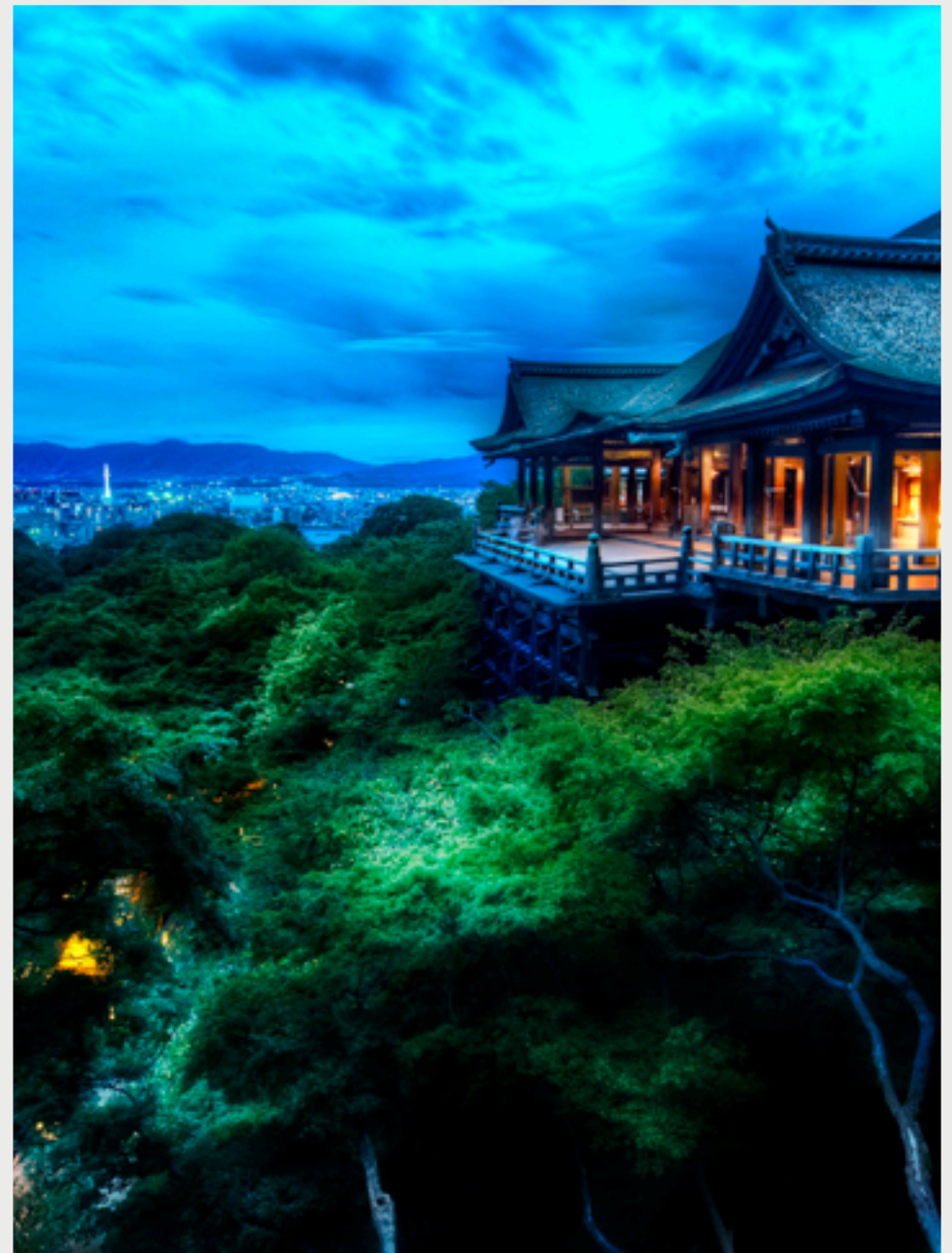
MOBILE

iPhone
Palm Pre
Android



BROWSERS

Firefox
Safari
Chrome



HTML5

Will it eliminate the need
for plugins?



SPEED

Client Optimizations
Bandwidth



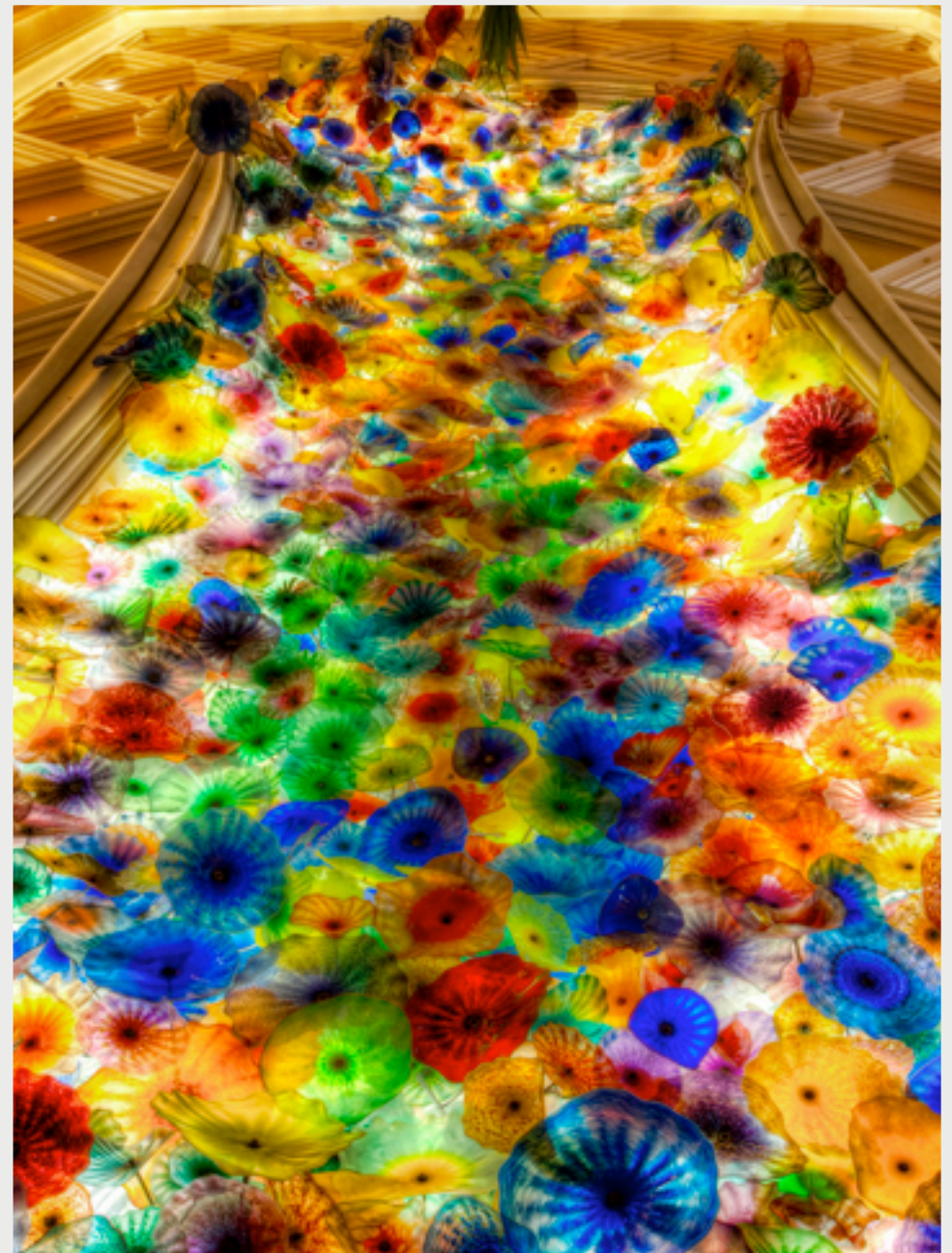
COMPILERS

GWT

Closure Tools

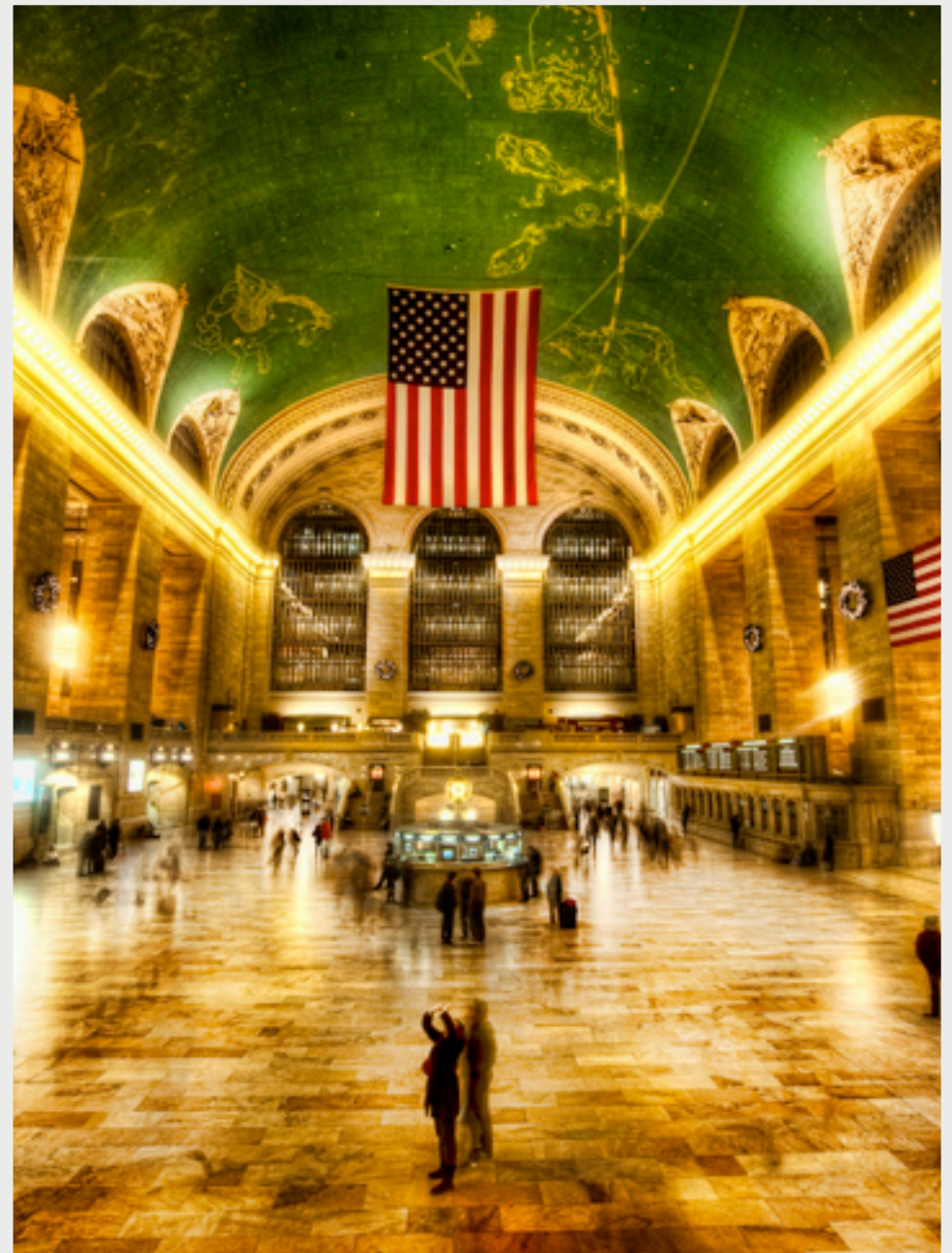
Cappuccino

HipHop for PHP



DESKTOP WEBAPPS

Adobe Air
Titanium



IPAD

Kids
Books
Video
Internet
Email



VIDEO

Web Browsers on TVs

TV on Laptops

TV on Phones



APP STORES

Facebook

LinkedIn

Google App Marketplace

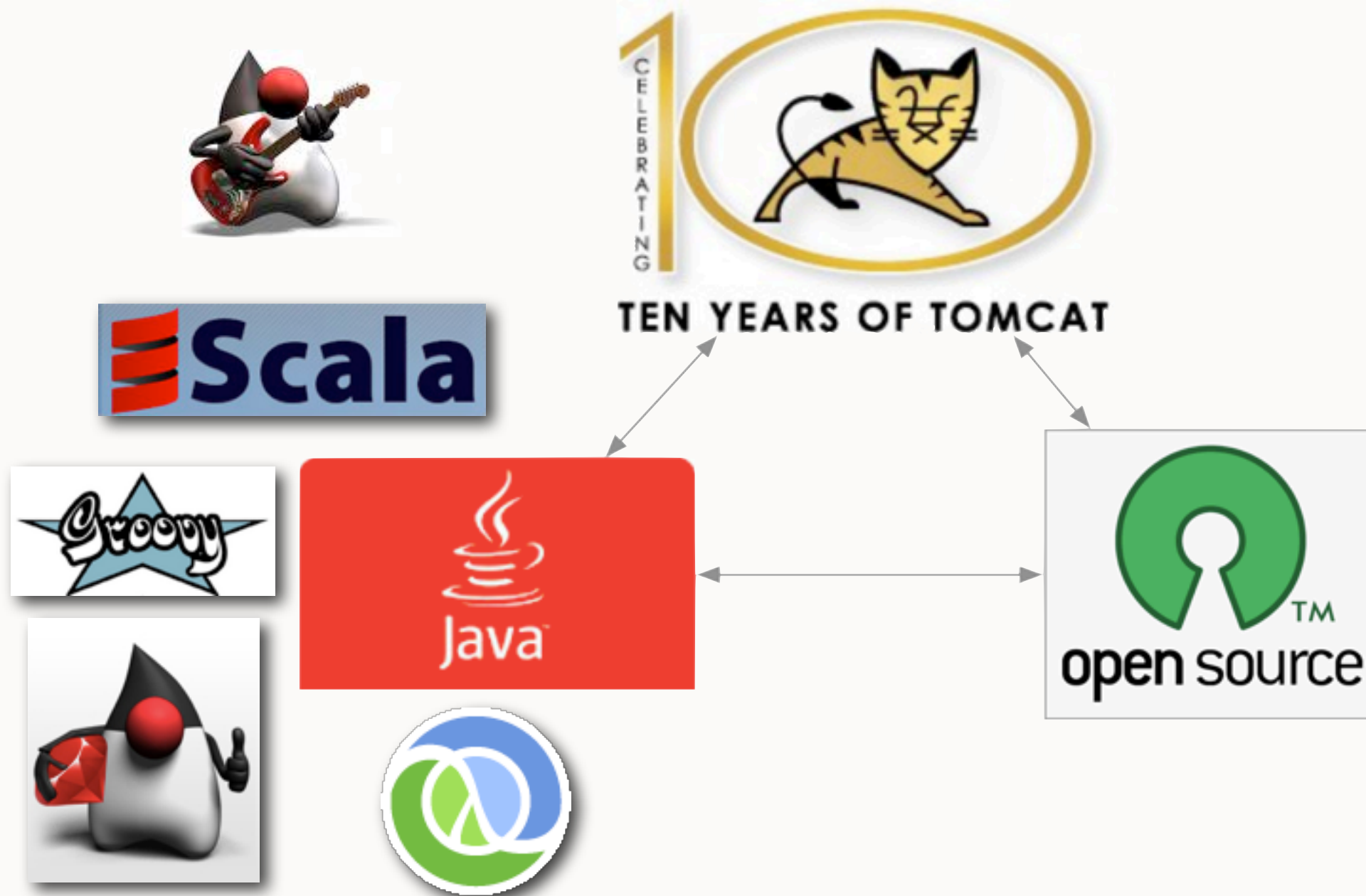




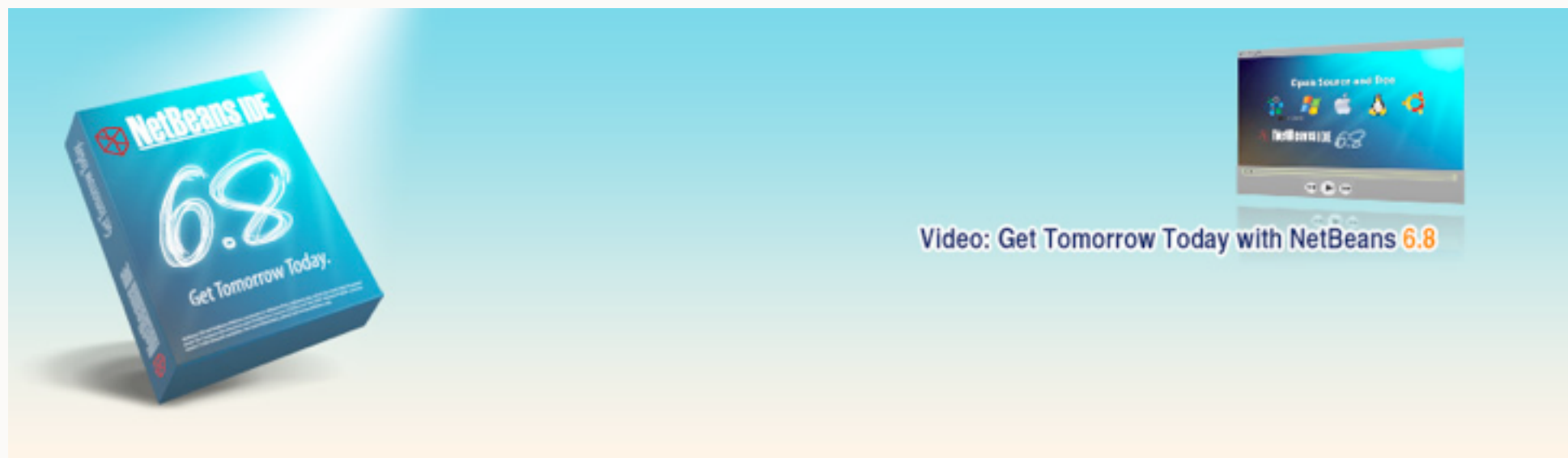
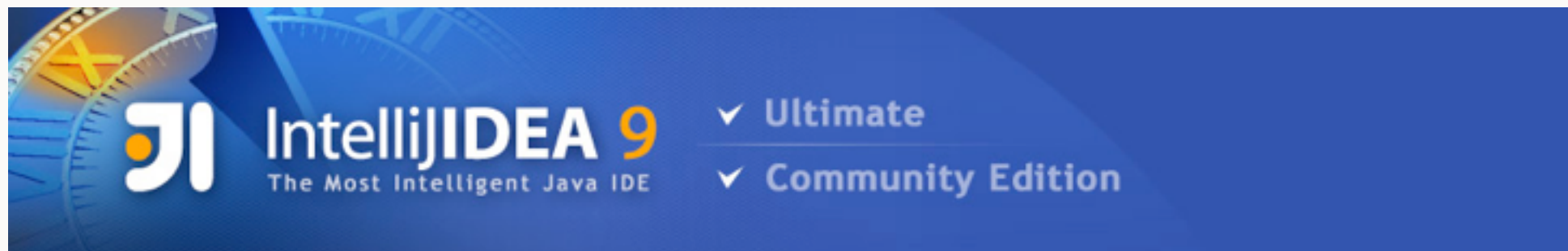
IS THIS THE FUTURE?

... or the present?

JAVA



IDES



Video: Get Tomorrow Today with NetBeans 6.8

eclipse

FUTURE FRAMEWORKS

- The survivors will...
- Take site speed seriously
- Support plugins
- Build on past success
- Will be both conservative and edgy
- Encourage new thinking
- Support mobile, touch screen and desktop



2011++

- IE 6 dies (hopefully!)
- HTML5 will have issues
- Ajax Frameworks will continue to innovate
- Interest in server-side frameworks will continue, but innovation will slow
- Desktop, Mobile and TV will be done with web technologies



HOW DO WE GET THERE?

- It's all about the APIs.
- A good API allows for any client.
- Web skills transfer to the desktop - and phones!
- Speed will continue to be *very* important
- It's all about the Apps.
- Build Them.





CONCLUSION

Web Frameworks are the future.

QUESTIONS?

Contact Information

<http://raibledesigns.com>

<http://twitter.com/mraible>



Download Presentation

<http://slideshare.net/mraible>