

Spreading the Word to Java

Bringing WordPress and Java
together with Quercus

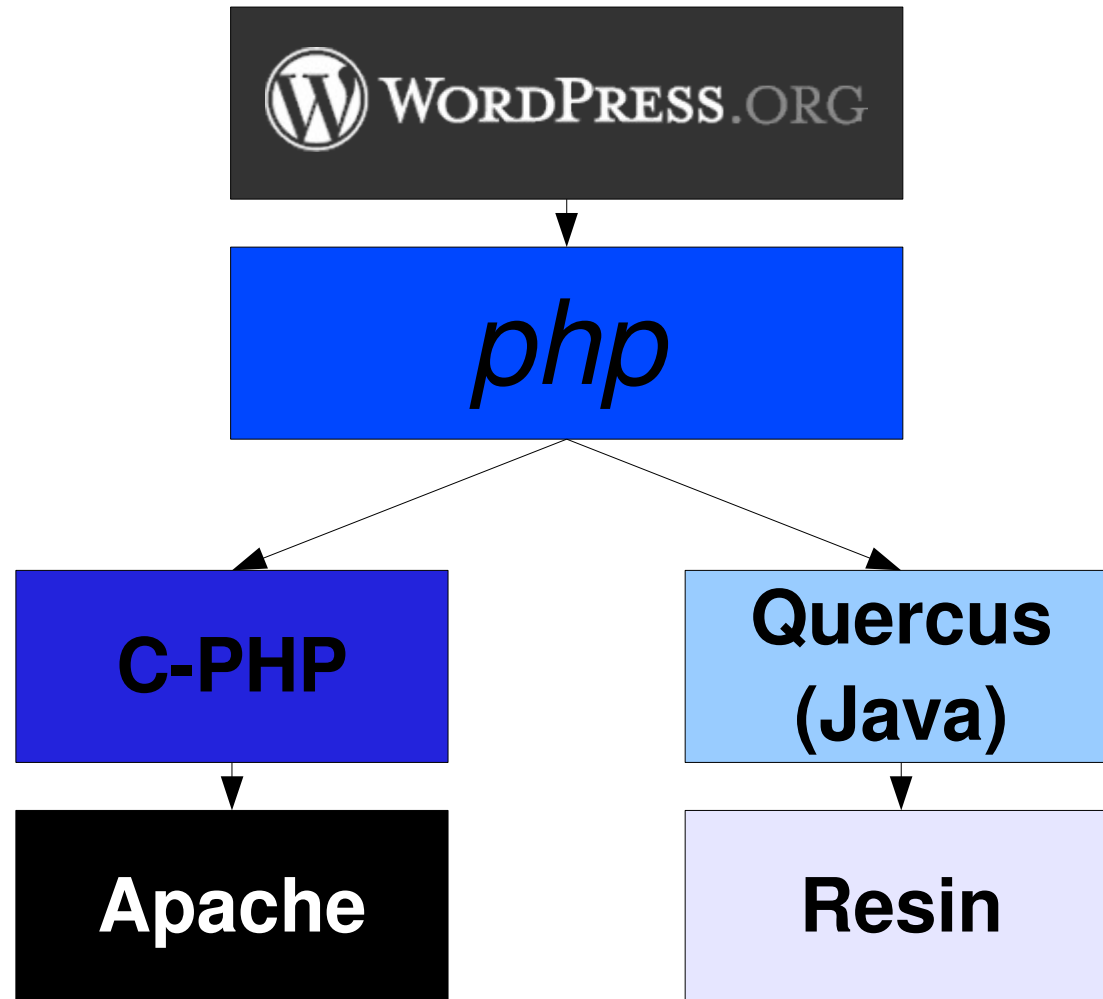
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Background for the non-technical



Java community: Why?

PHP community: Why?

WordPress community: Why?

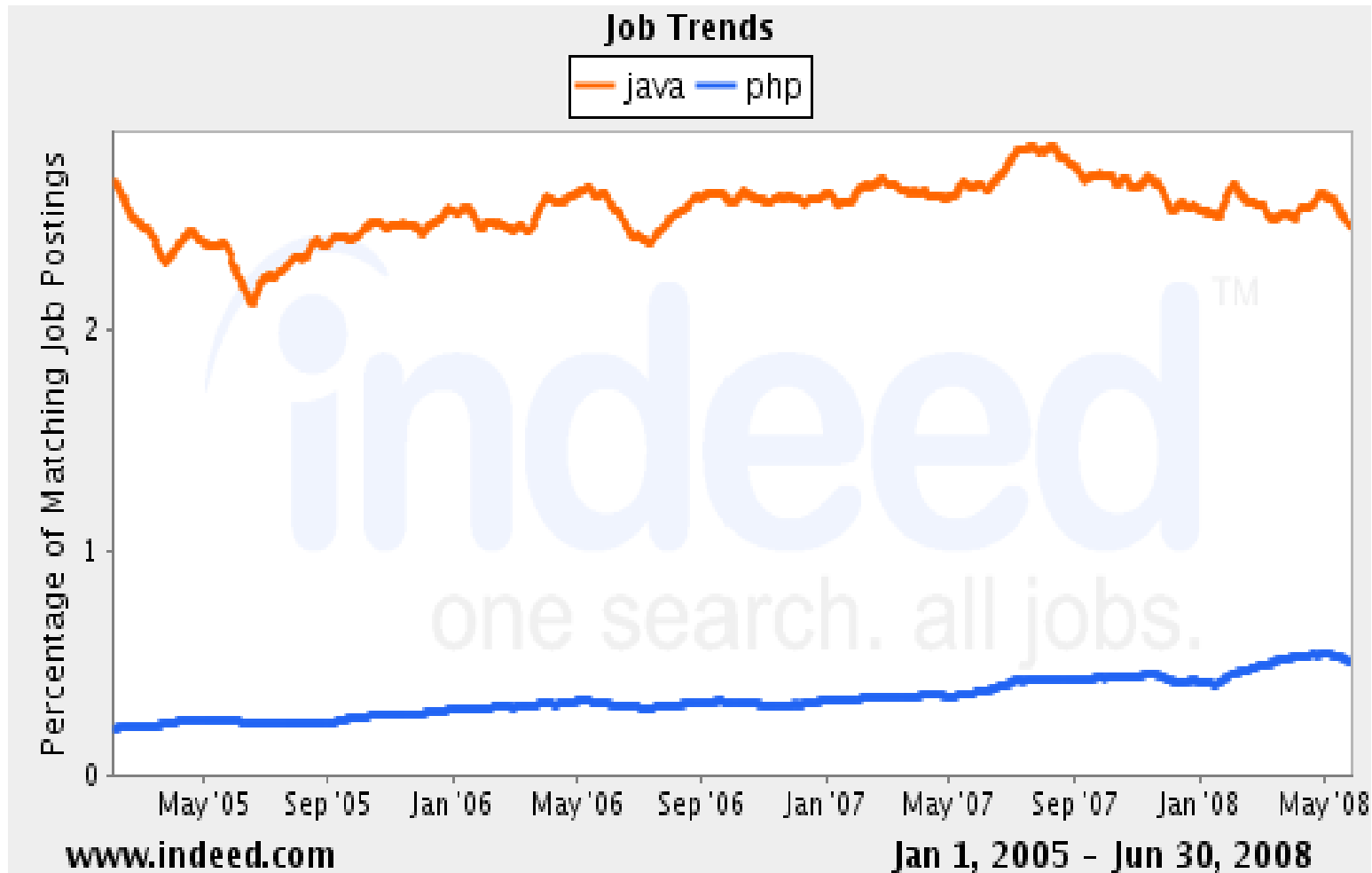


More Choices, Bigger Community

- WordPress is now available to a huge segment of the web – Java users
- Java-run websites tend to be large, with well-educated support teams
- Java is big and it's commercial



How big is Java?



Java wants WordPress

I just switched my apps to [R]esin, and I'm loving it. But Quercus is simply causing me to give writing or maintaining something in [J]ava pause when there are excellent free [PHP] alternatives available. I wrote a blogging app, but now since I'm have Quercus, I decided to download Wordpress. The entire thing is less than 1.5 megs and took 5 minutes to get going.

- David Lee, 2008/4/10, on JavaLobby



Should WordPress want Java?

- Bigger community
- Better security
 - Java less susceptible to certain attacks
- Improved performance on sites using Quercus
 - 24% faster in recent tests
- More options for scaling, monitoring



Bringing the Communities together

- The Java community already recognizes how good WordPress is
- The WordPress community can benefit from the size and experience of the Java community



Thank you!

Questions?

<http://blog.caucho.com>

<http://www.caucho.com/download>



Technical overview

- Quercus runs PHP
 - Interpreted
 - Compiled
- 100% Java
 - Complete language implementation (PHP 5/6)
 - Large portion of libraries
- Runs as a Java servlet
- Release cycle verifies WordPress, et al.



Performance

- Compiled PHP
- Resin has a built in proxy cache
- Single process model/threading
- 24% is against mod_php/apache w/APC



Reliability

- Clustering is easier, natural
 - Distributed sessions
- Load balancer with failover
- Monitoring tools for Java
- Database pooling for free



For Developers

- Built-in, runtime profiler
- Ability to add filters without modifying code
- Simple integration with Java objects

