Hippo's 10 Golden Rules of Cocoon Caching

Ard Schrijvers

Bart van der Schans

Niels van Kampenhout

Hippo

www.hippocms.org

Hippo's 10 Golden Rules of Cocoon Caching

- **Many questions on user list**

- **You know <map:pipeline type="caching">**

- **But it's not that simple**

- **Best practices**

http://flickr.com/photos/st3f4n/143623934/

Design For Performance

- ## Do it from the start
- ## Later is too late!
- ## Don't delay it

http://flickr.com/photos/jacksim/16499469/

Monitor Performance From The Start

- **Check after each change**

- **See mistakes early**

- **Use real life data sets**

http://flickr.com/photos/redmann/178322027/
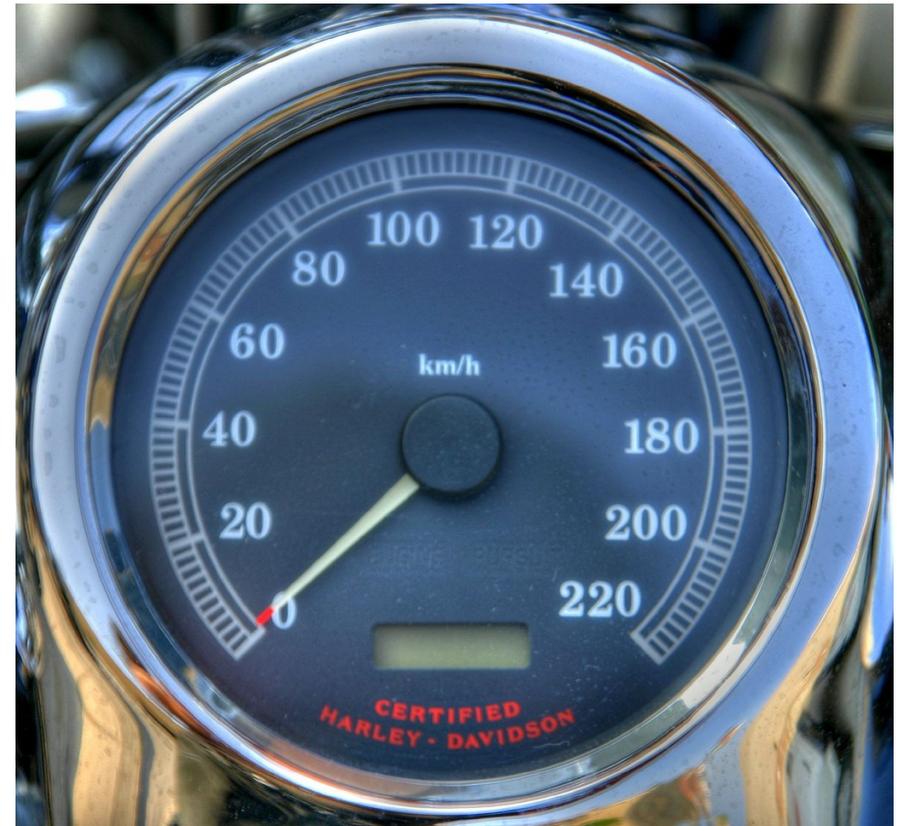
Cache As Much As Possible

- **But nothing more!**
- **Don't pollute cache**

http://flickr.com/photos/eleda/104669470/

Cache As Long As Possible

- **But not too long!**

- **Do not let your cache grow forever**

http://flickr.com/photos/wester/55116385/
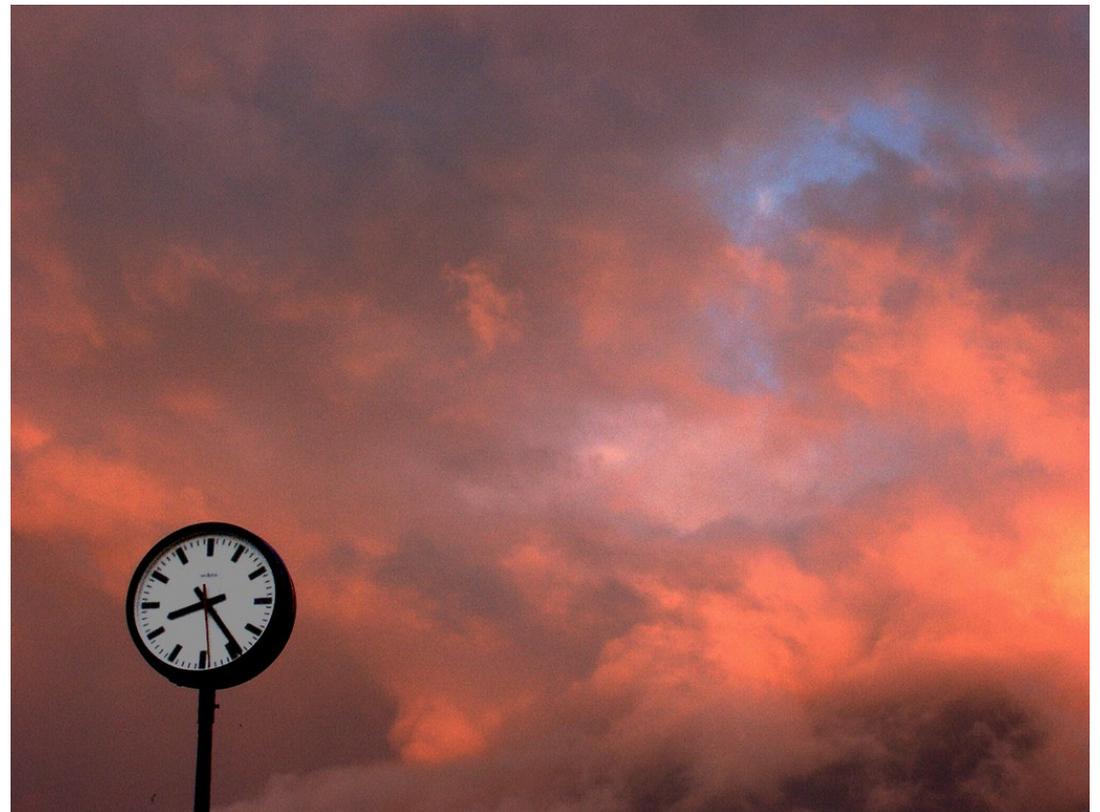
Design Your Pipelines For Caching

- **Group pipelines by cacheability**

- **Avoid trigger effect**

- **Do non-cacheable stuff last**

http://flickr.com/photos/toni-travels/168819883/

Choose The Right Type Of Caching

- **Caching**

- **Expires Caching**

- **Event Caching**

http://flickr.com/photos/lonelyradio/83752690/

Control Your Cache Keys

- **Think about uniqueness**

- **Avoid duplicate cache entries**

- **Check Cocoon status page**

- **Do not use "use-request-params"!**

http://flickr.com/photos/aeroworks/90124673/

Know What To Cache Where

- **Reduce load on Cocoon**

- **From browser to proxy to Cocoon**

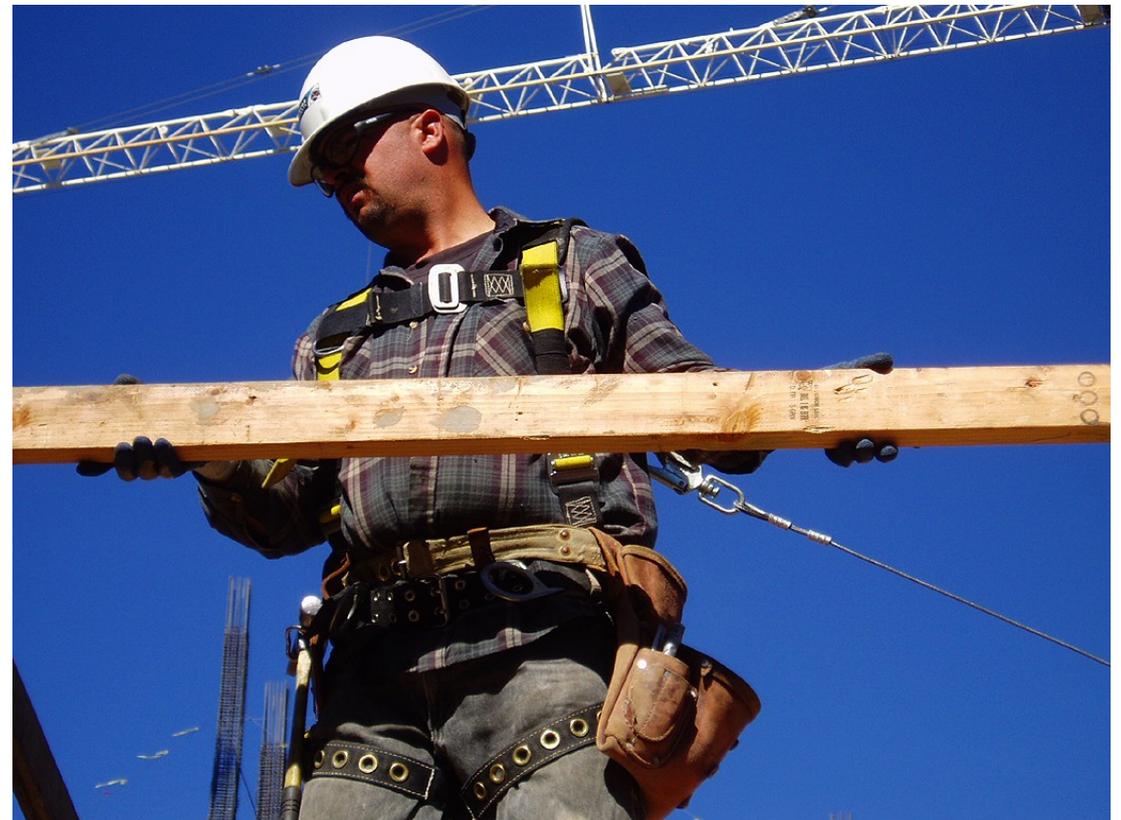- **Closer to client is faster**

- **Cache by content type**

http://flickr.com/photos/tarantulastar/35842372/

Make HTTP Headers Work For You

- **Modified headers**

- **Expires headers**

- **Pragma and Cache-Control**

- **Click, F5, Ctrl+F5**

http://flickr.com/photos/gregor_y/38130652/

Do Not Trust The Outside World

- **Proxies are out there**

- **Don't use browser selector**

- **Educate users**

http://flickr.com/photos/ianbline/96643546/

Hippo's 10 Golden Rules of Cocoon Caching

- **Design For Performance**
- **Monitor Performance From The Start**
- **Cache As Much As Possible**
- **Cache As Long As Possible**
- **Design Your Pipelines For Caching**
- **Choose The Right Type Of Caching**
- **Control Your Cache Keys**
- **Know What To Cache Where**
- **Make HTTP Headers Work For You**
- **Do Not Trust The Outside World**