Hippo's 10 Golden Rules of Cocoon Caching

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- 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
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
Do Not Trust The Outside World

- Proxies are out there
- Don't use browser selector
- Educate users

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