

Free CDN for Free Software



Sermon delivered by: Dr. Peter Pöml poeml@suse.de









Content Delivery Networks







Content Delivery Networks



































































SILEMAN TWÓJ INTERNET I TELEFON











Yuan Ze University



































































SOURCEFORGE.NET®

















"Cairn"









Why collaborate?



E.g. because picking mirrors is a difficult business























You see, it's not quite easy.

- Keep track of a lot
- Assign mirrors in realtime
- Not a simple task





Plain old FTP/HTTP = dumb

Metalink clients = intelligent MirrorBrain = Metalink generator

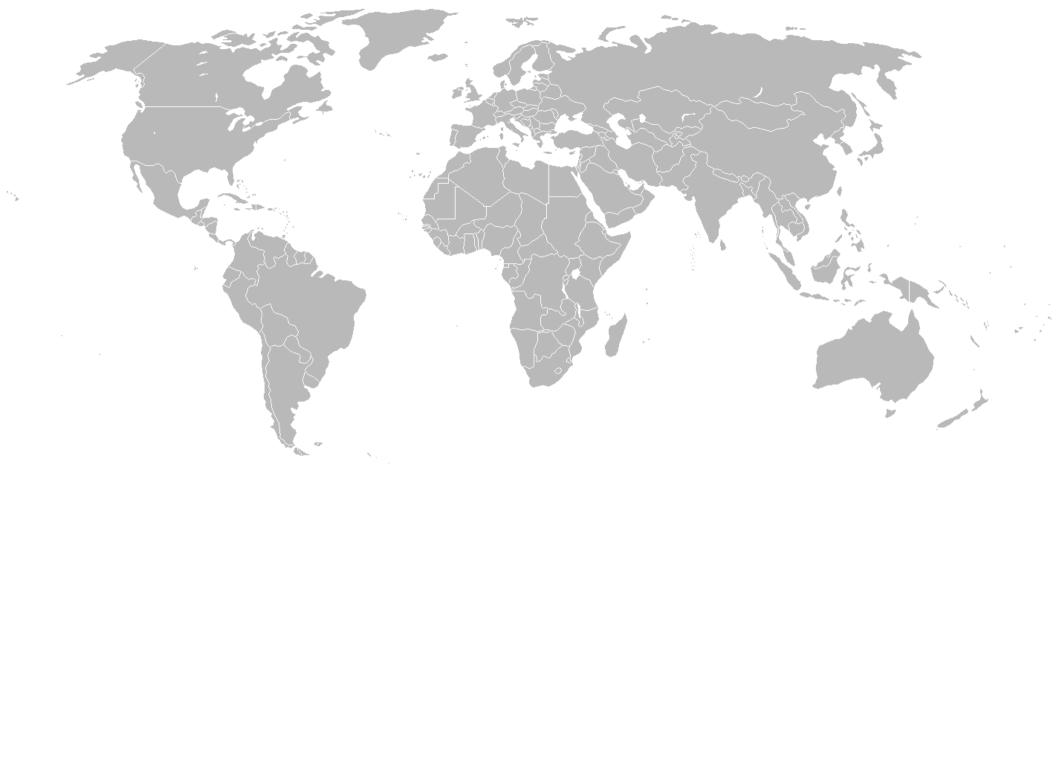


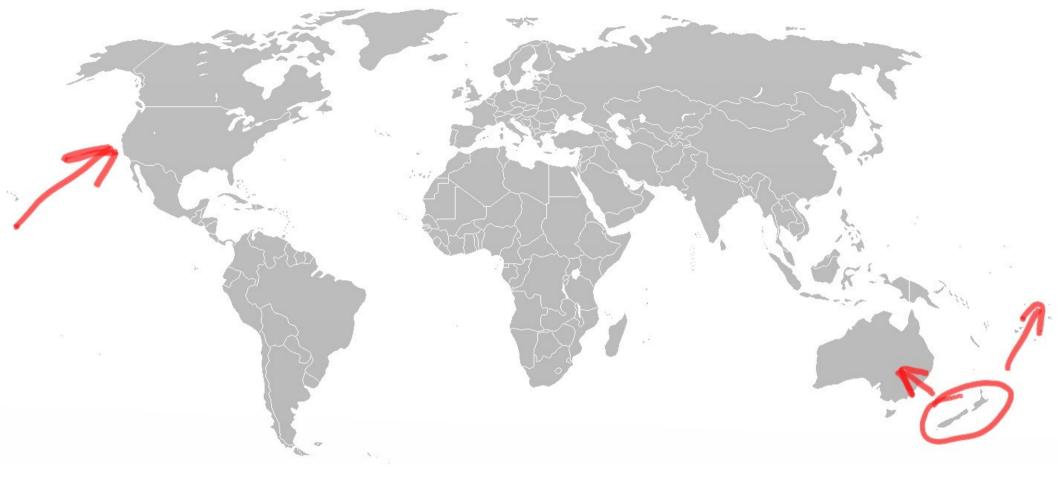
What is a Metalink?

- XML mirror list
- hashes and signatures
- · "knowledge transfer" from server to client

"Metalinks + MirrorBrain = Killer Combo!" Ant Bryan











Connectivity



Connectivity somewhere else

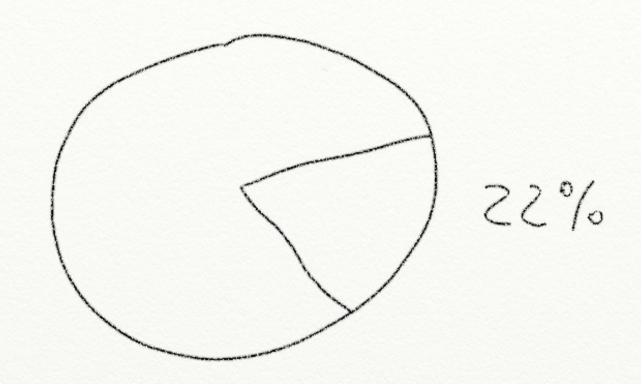




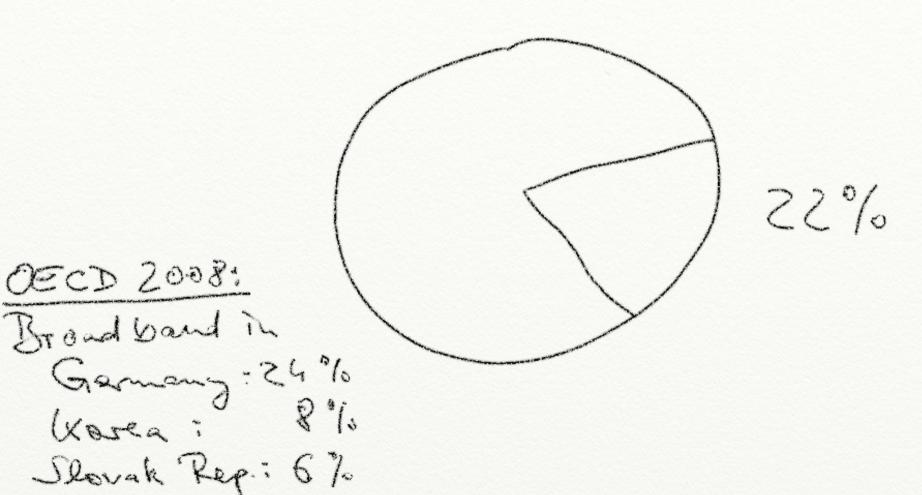


"It took me 30 hours to download OpenOffice"

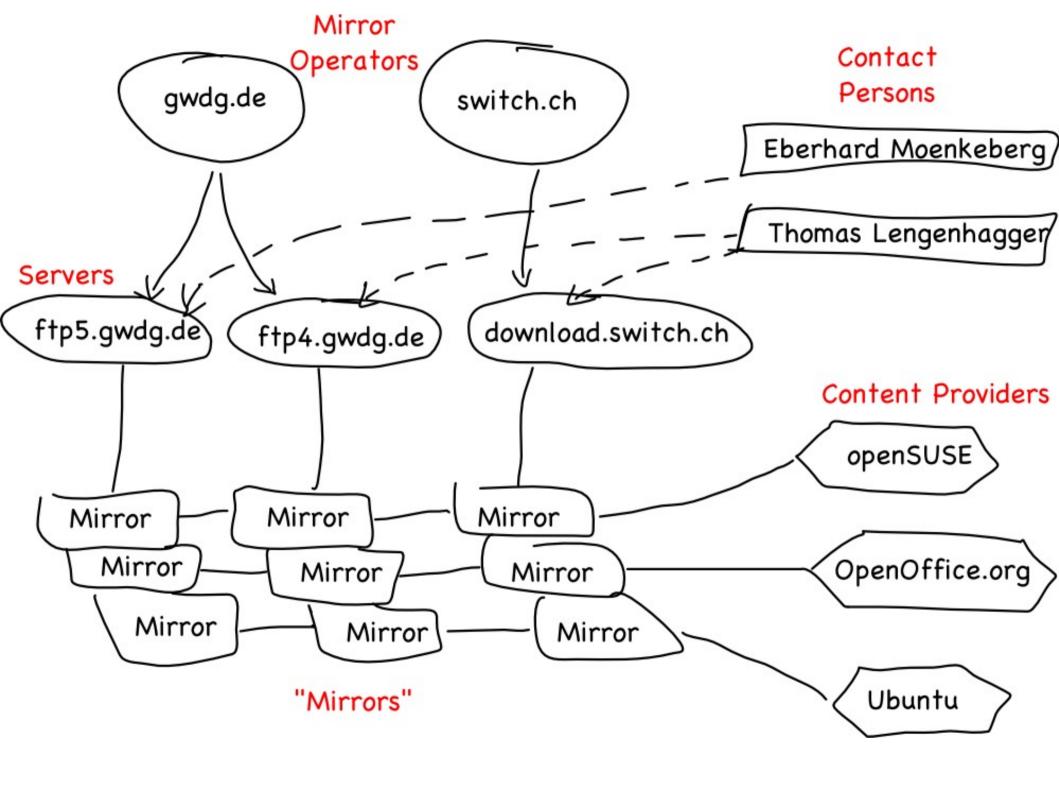
"It took me 3 weeks to download 00o. I am in Africa. Finally I had a successful download from a Canadian mirror." People with Internet acres 2008:



People with Interest acres, 2008:







Every project could have its own MirrorBrain







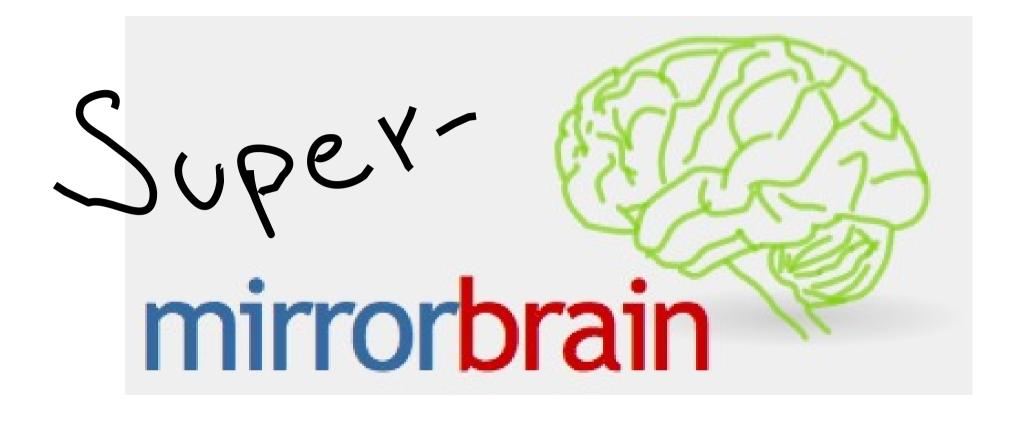












It nearly exists!

- look at the big mirrors...
- common database
- common file tree (namespace)
- syncing beyond rsync
- MirrorBrain 3.0?
- Free CDN

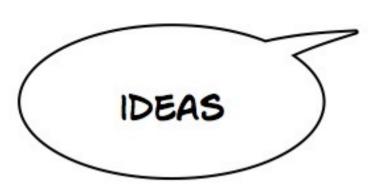


A call for collaboration

DISCUSS @ MIRRORBRAIN-ORG

PLATFORM-NEUTRAL MAILING LIST





DISCUSS @ MIRRORBRAIN-ORG

PLATFORM-NEUTRAL MAILING LIST

INFRASTRUCTURE, SCRIPTS, MIME-TYPES

REGIONAL REQUIREMENTS VENDORS MIRROR ADMINS

USERS

RESEARCHERS

DISCUSS @ MIRRORBRAIN-ORG

PLATFORM-NEUTRAL MAILING LIST Induks!