

OPENCHANGE

Unleashing the Borgs

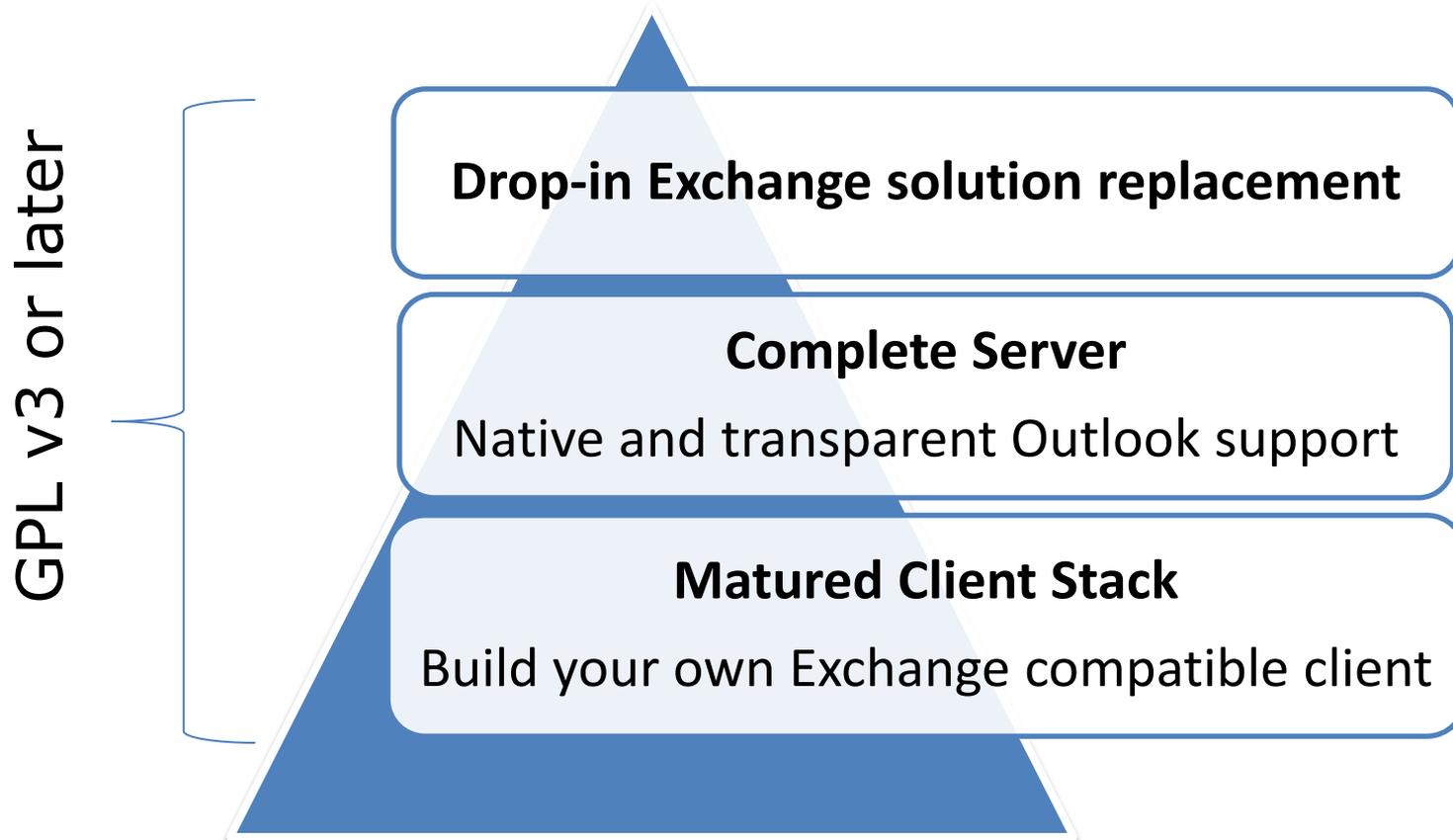
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SambaXP 2012
May, 8-10th 2012
Goettingen, Germany

mailto: <j.kerihuel@openchange.org>

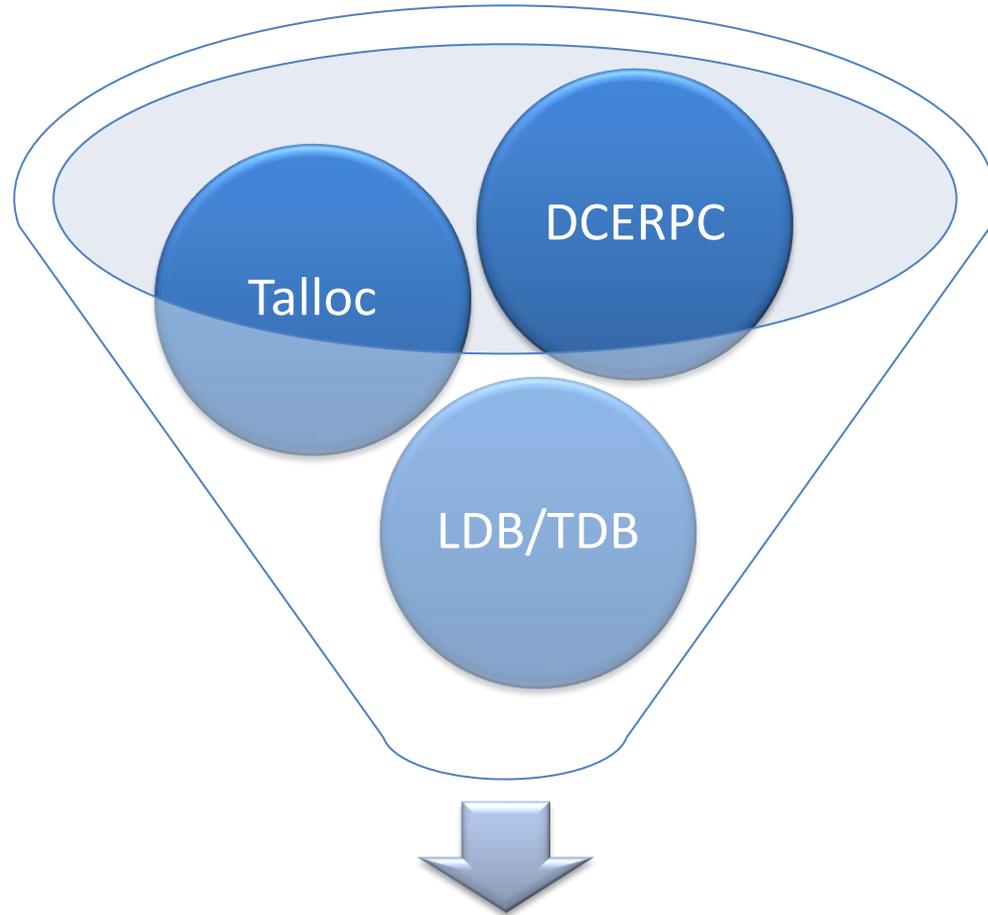
What is OpenChange?

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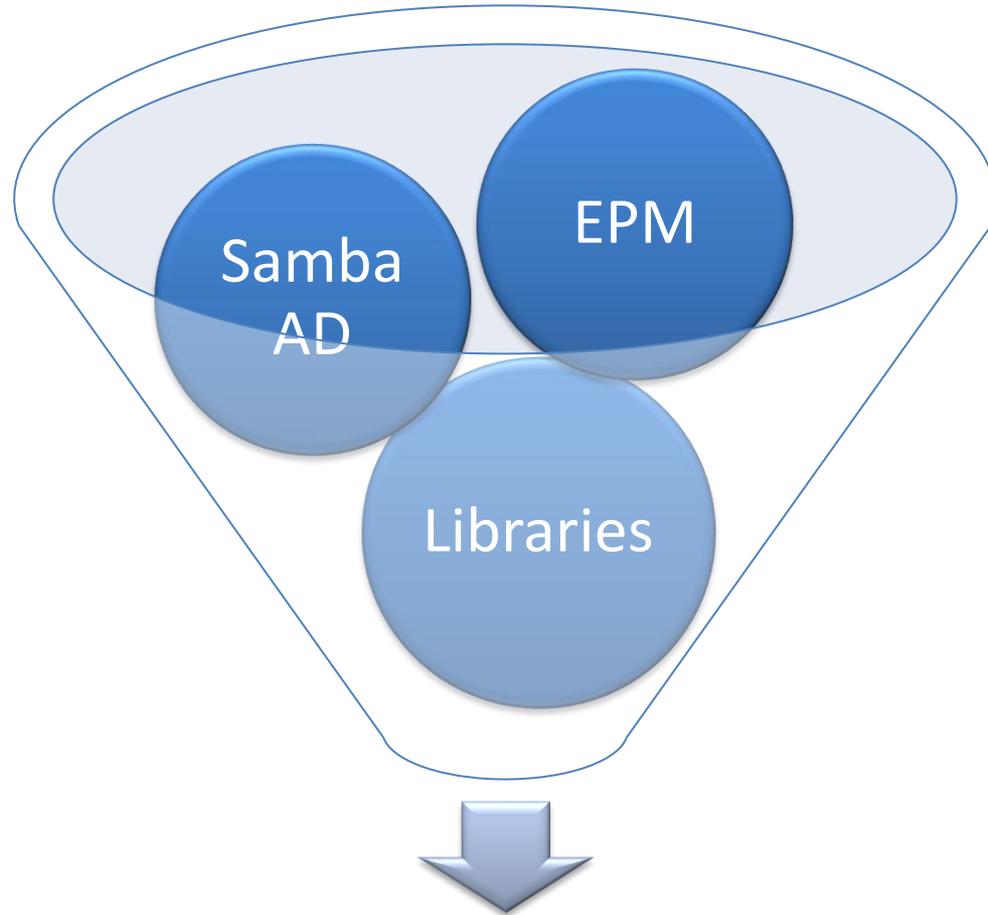
Interoperability with Exchange Protocols

Client Internals



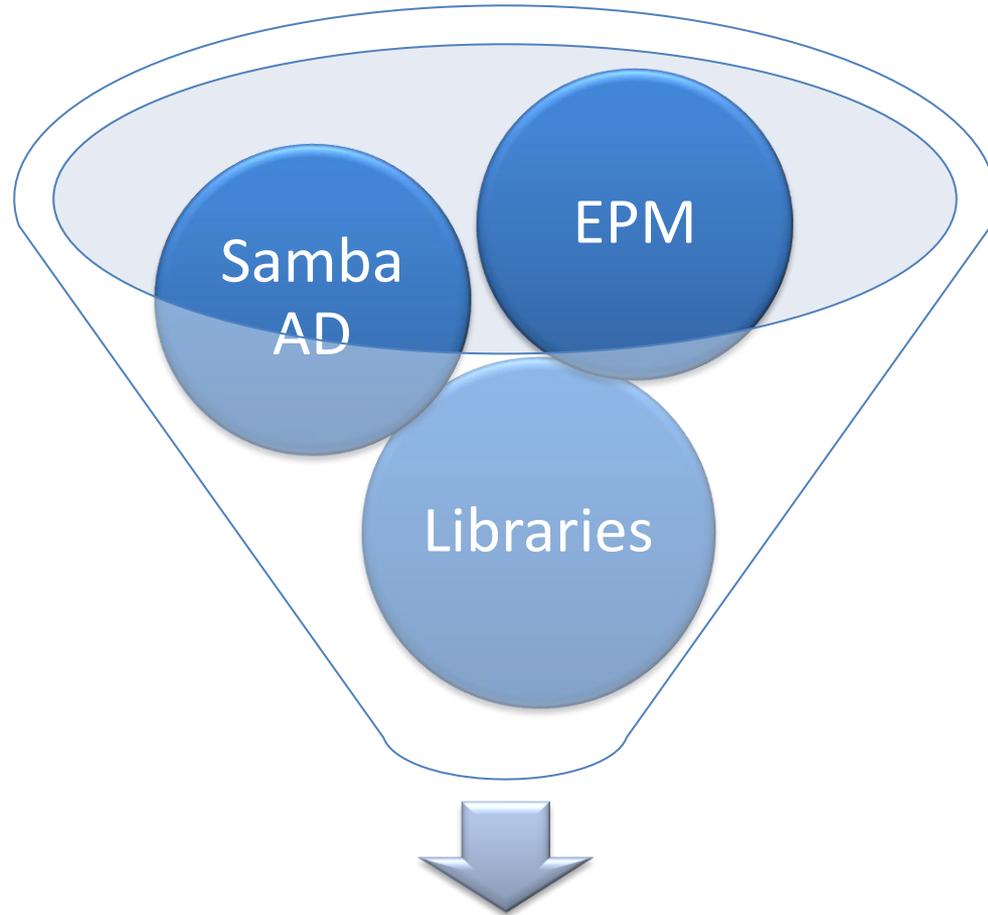
OpenChange libmapi

Server Internals



OpenChange Server endpoints

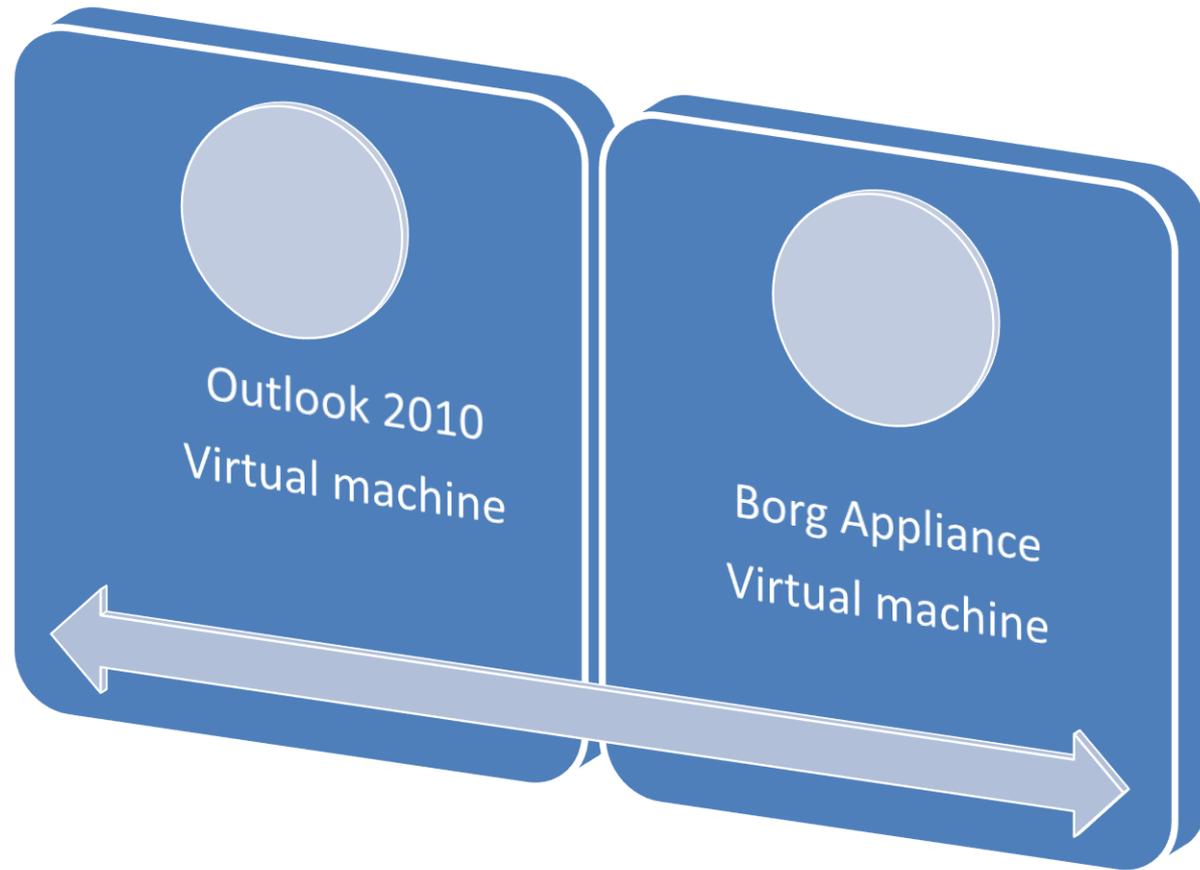
Server Internals



OpenChange Server endpoints

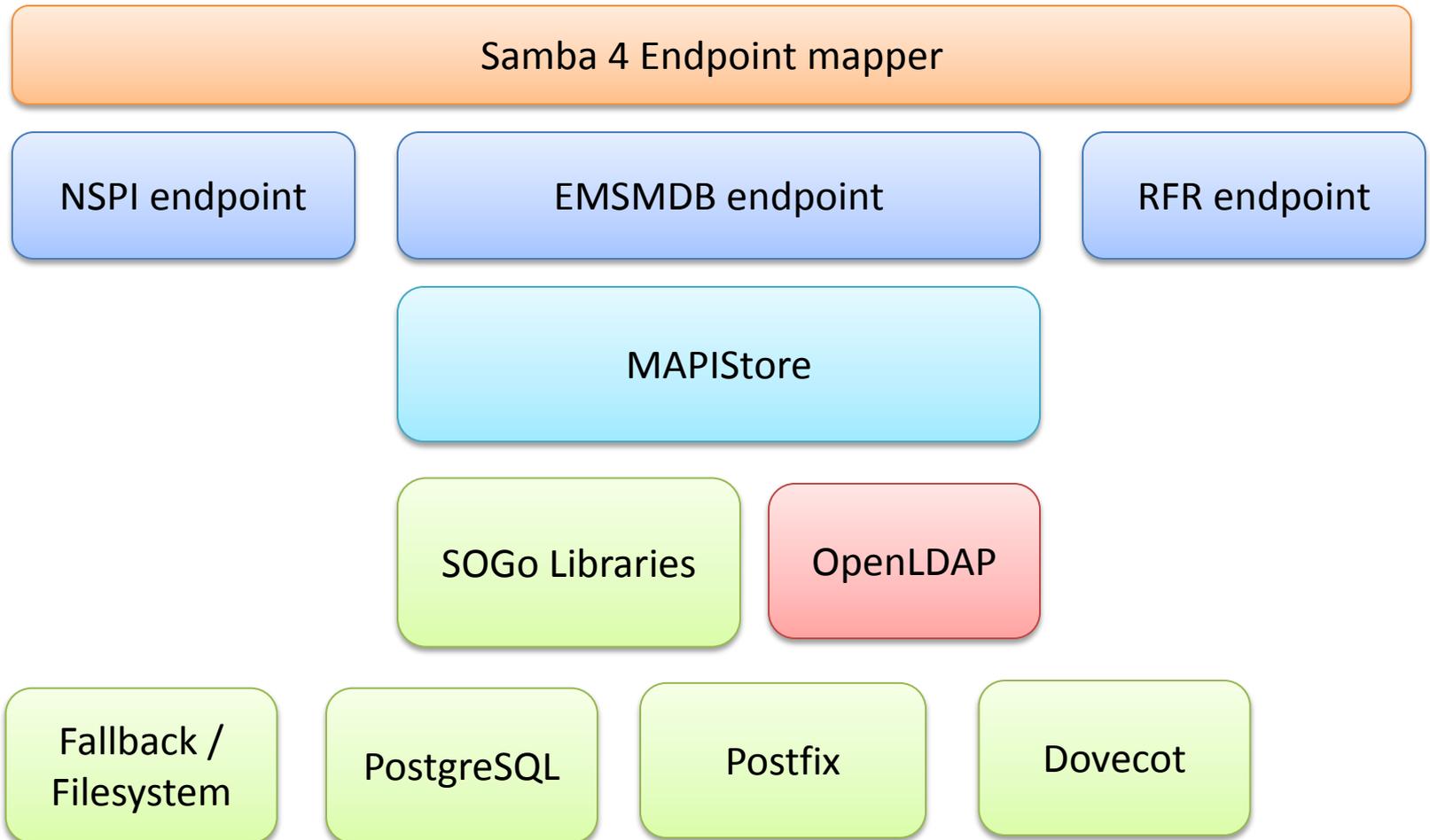
Demo & Architecture

Demo & Architecture



Host Machine

Demo & Architecture



Limitations

- Samba4 currently required to run in single process mode
- Second LDAP server required for SOGo backend support
- Folder operations not yet working properly in SOGo backend
- No management tools for sys admin

Mobile connectivity

- Usual transport:
 - ActiveSync
 - **RPC over HTTP/HTTPS**
- Other solutions:
 - Good Technology
 - Blackberry Enterprise Server
- OpenChange can be used with Good Tech

Mobile connectivity

- Good Technology waits for MAPI notifications to fetch email and update smartphones
- OpenChange server is unable to know when a new email has been dispatched to an IMAP mailbox
- OCSManager Pylons service and its Dovecot plugin addresses this issue
- MAPIStore python bindings and mqueue

Production ready?

[...]

Production ready?

YES

YES

OpenChange Ideas

- MAPIStore Python gateway
- Management tools
- Extend the stack of pluggable services

Projects and Collaboration

It is time to unleash the Borgs!

- What about MocaBox?
- Have an idea to share?
- Have a project where OpenChange fits?
- OpenChange is an opportunity

OpenChange The World



The Future is Now

