



Working with Microsoft Exchange Protocols

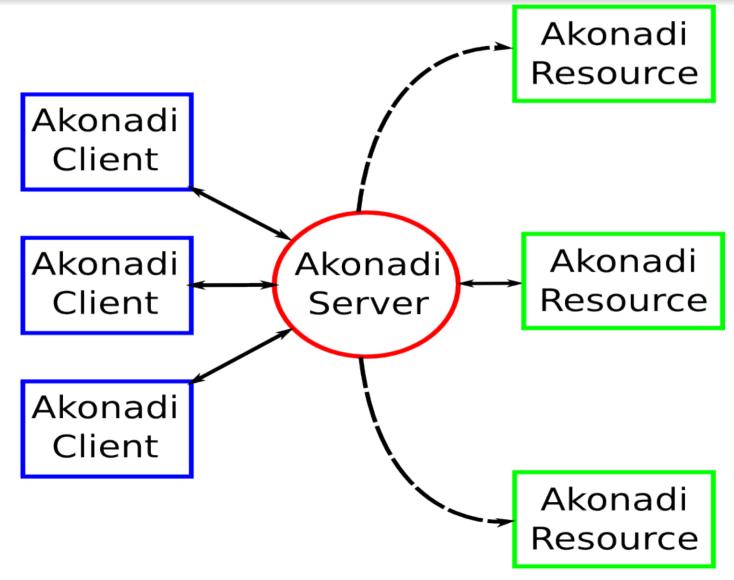




- Grew out of KDE PIM work
- Not just for mail
- KMail is a maintainability problem
- Akonadi separates the network part from the UI part
- Akonadi provides concurrent access
- Not Qt or KDE specific











- Project to implement Microsoft Exchange protocols
 - "as used by Outlook"
 - Free, Open Source Software
 - Client and server side
 - Built on Samba4
 - Mail, Contacts, Calendar, Notes, Journal, Public Folders, Free/Busy...

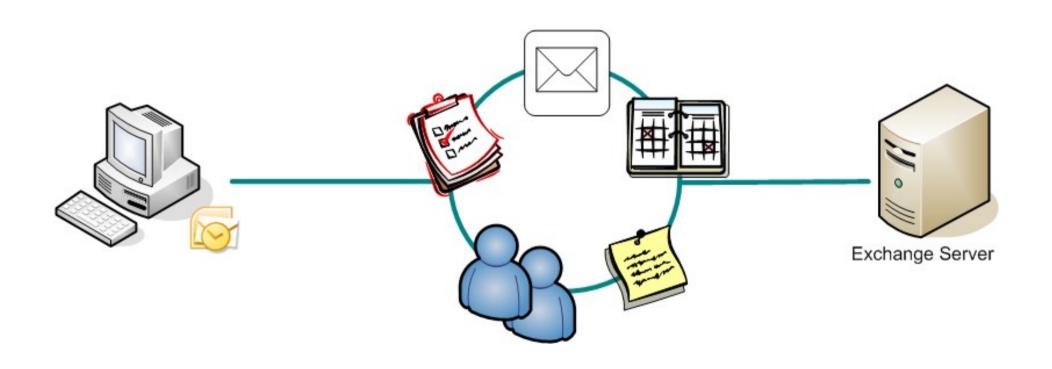




- C libraries and client utilities
- Maturing well
- OpenChange Property Files
- Mainly the work of Julien Kerihuel
- Contributions by Jelmer Vernooij, Dan Shearer, GSoC students (Alan Alvarez, Yangyang Li) and others.

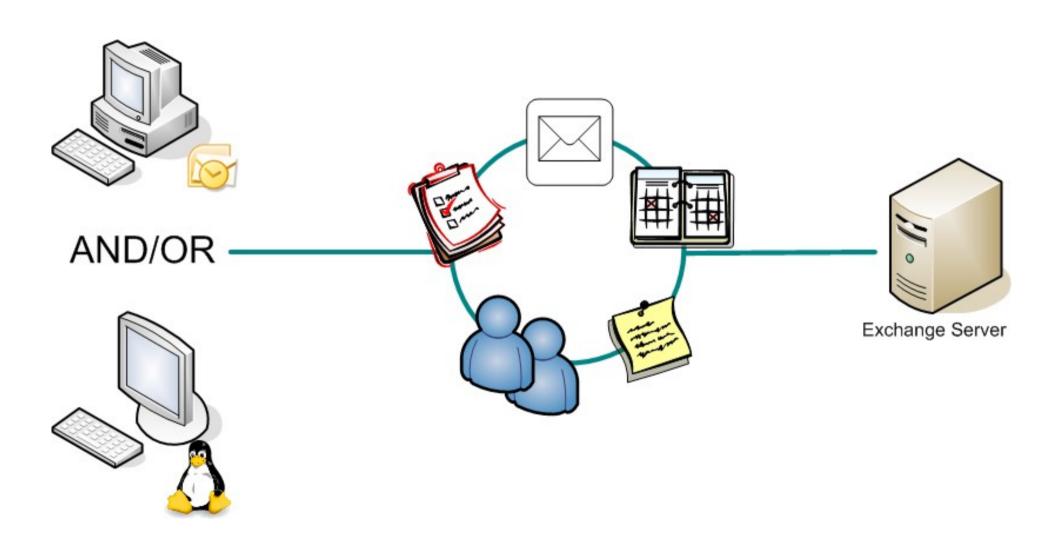






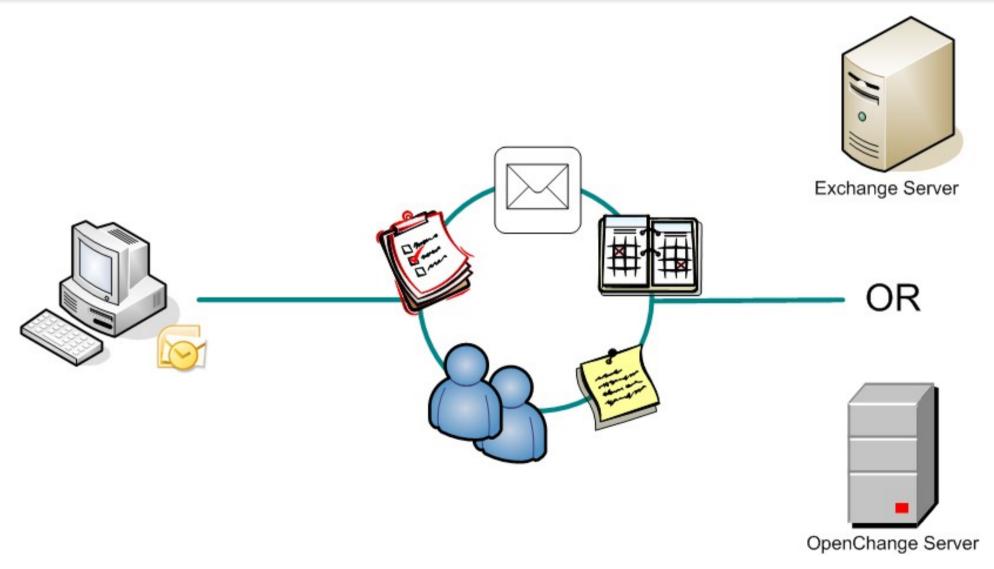






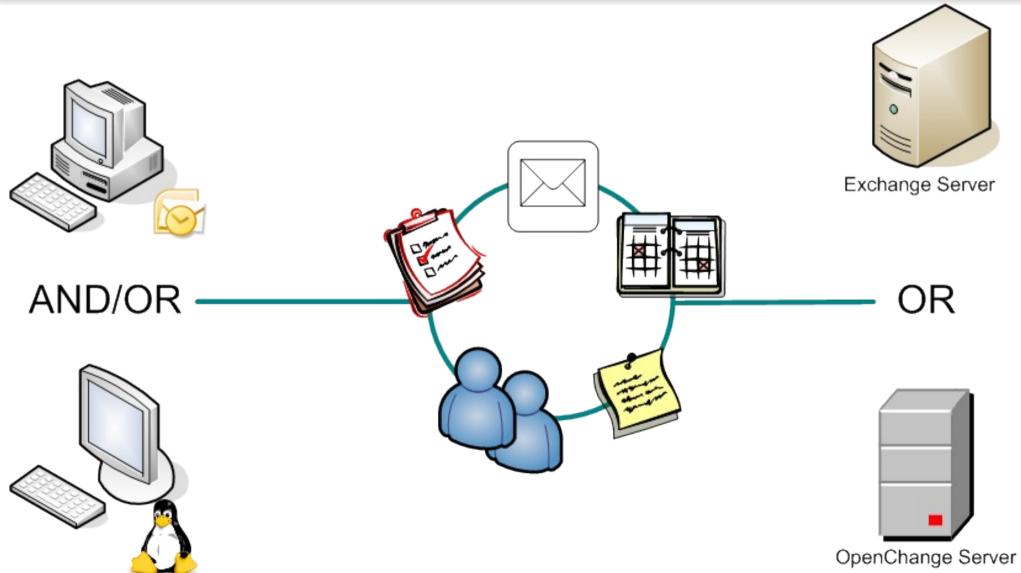






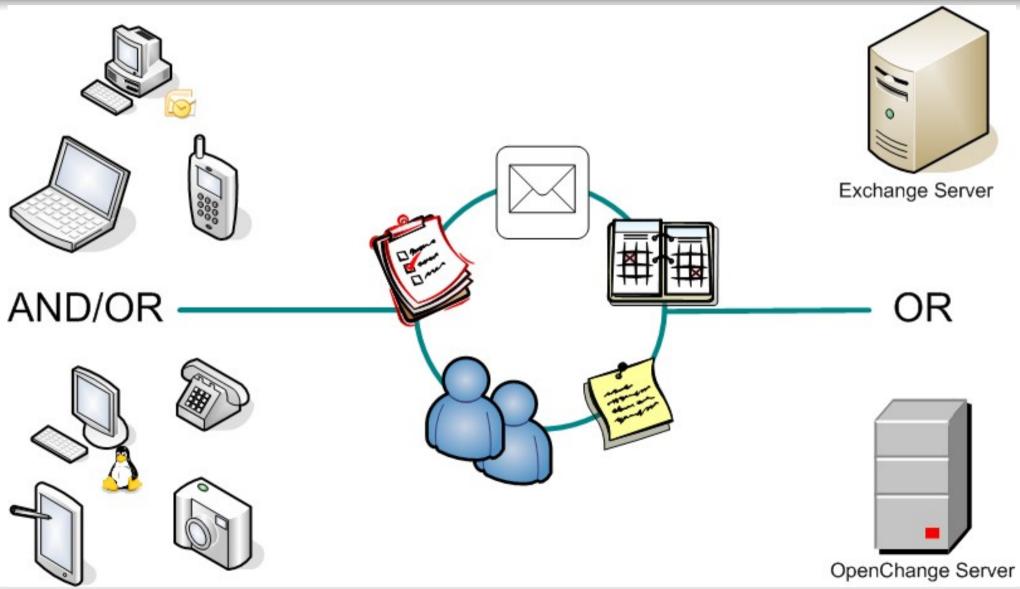








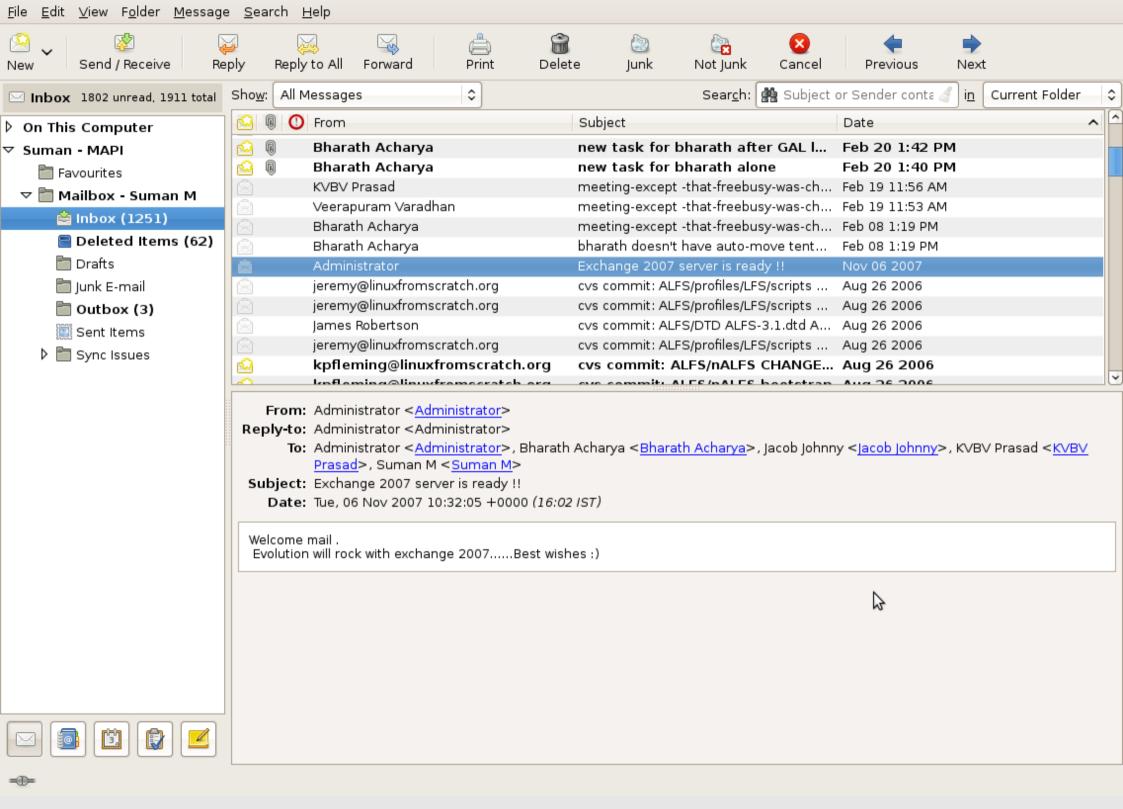


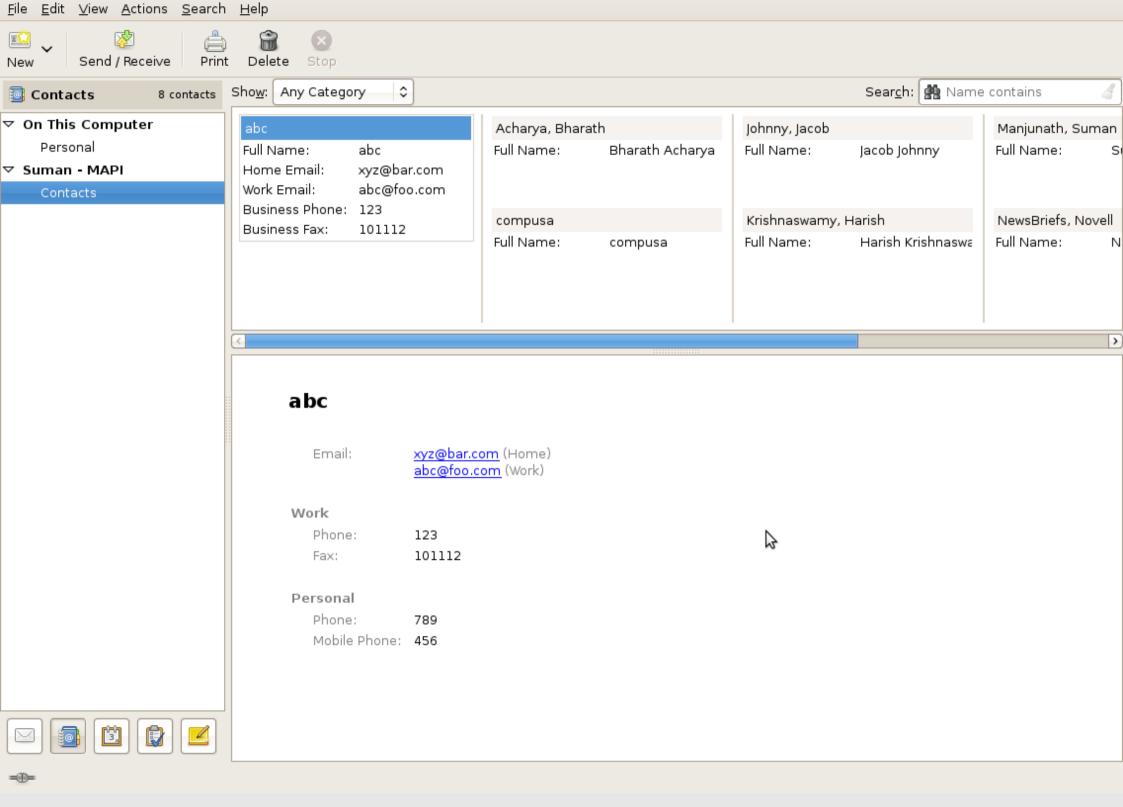


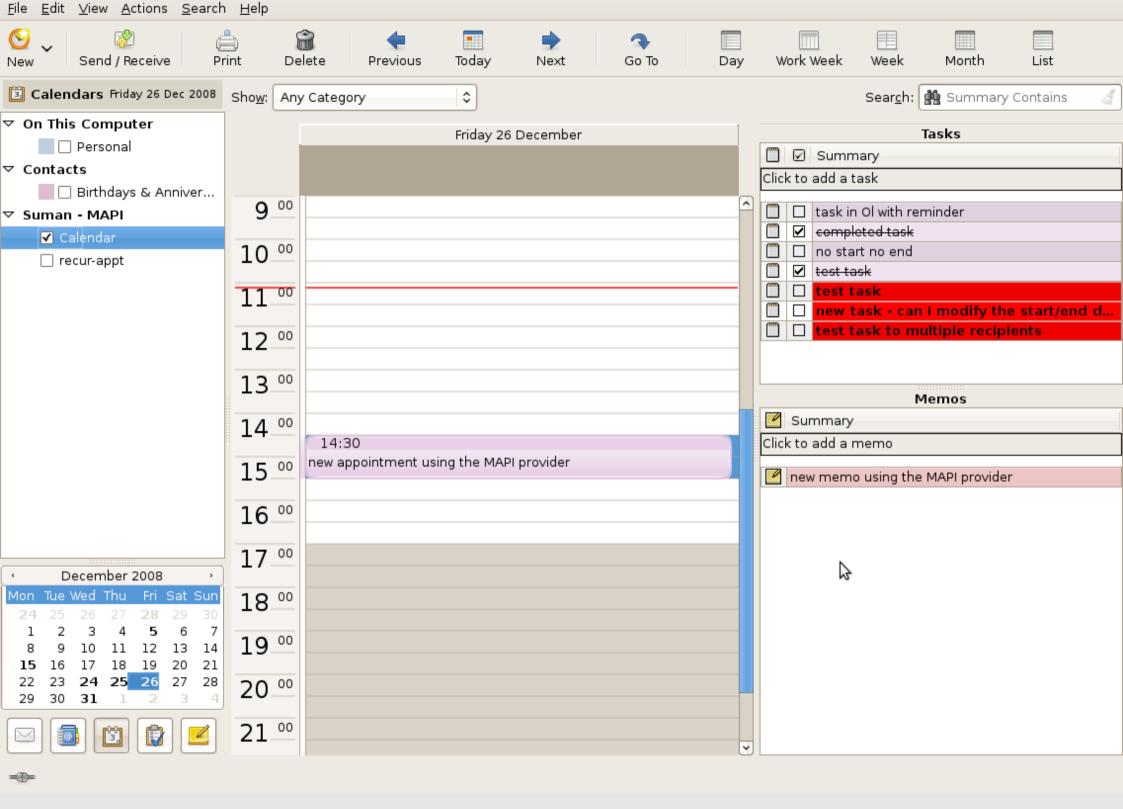




- Command line tools
 - Provided with OpenChange
 - Usable now
- Evolution
 - Substantial commitment by Novell
 - Licensing issues now resolved
- KDE / Akonadi







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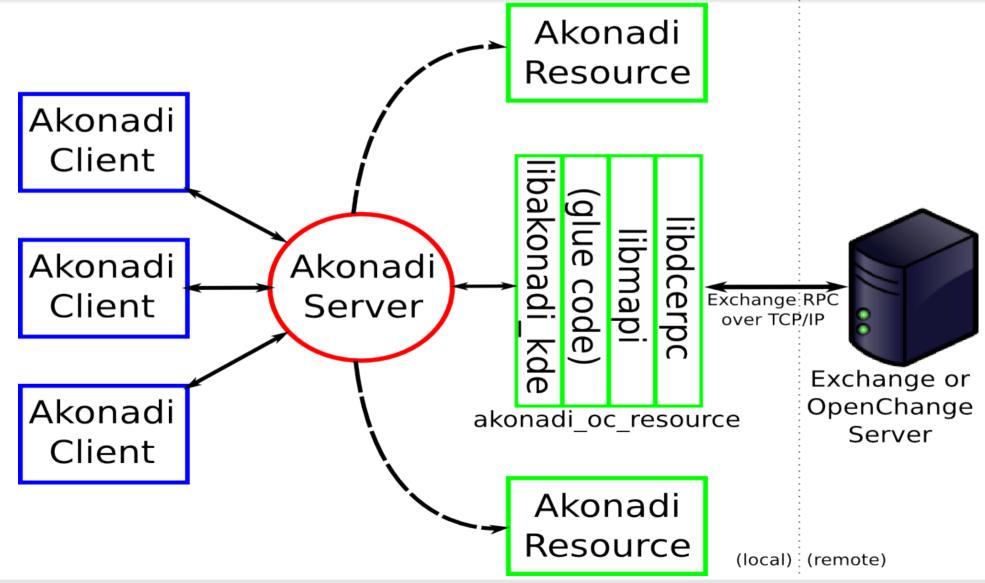


Receivin	g Email
Please select among the following options	
Server <u>T</u> ype:	Exchange MAPI
Description:	For accessing Microsoft Exchange / OpenChange servers using MAPI
Configuration	n
<u>S</u> erver:	novell-ops.ray.com
User <u>n</u> ame:	suman
<u>D</u> omain nam	ne: ray.com <u>A</u> uthenticate
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Akonadi and OpenChange







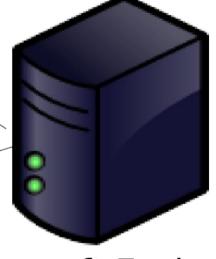




Windows XP + Outlook



Fedora 9 OpenChange + Akonadi 192.168.244.2



Microsoft Exchange 192.168.244.20 SBS2003.local





- Both KDE and OpenChange could really use some help:
 - Development
 - Gnome API for Akonadi
 - Missing features, bugs...
 - Testing
 - Infrastructure
 - OpenChange test servers





- http://www.openchange.org
- #openchange (on Freenode)
- http://techbase.kde.org
- http://pim.kde.org/akonadi/
- #akonadi / #kontact (on Freenode)





- Complete OpenChange client libraries
- Implement OpenChange servers
- More work on OpenChange proxy
- Finish Akonadi
- Complete OpenChange remote ops
- Improve Akonadi OpenChange resource

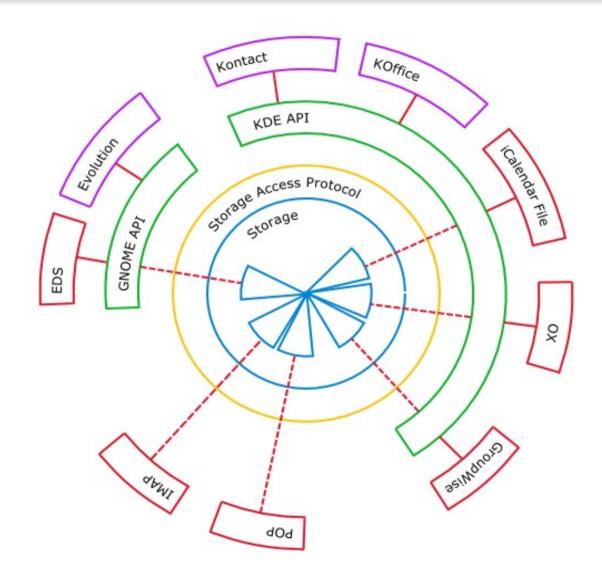






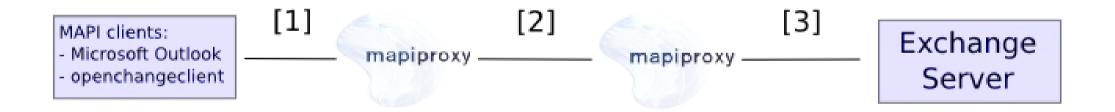
Original Akonadi Concept





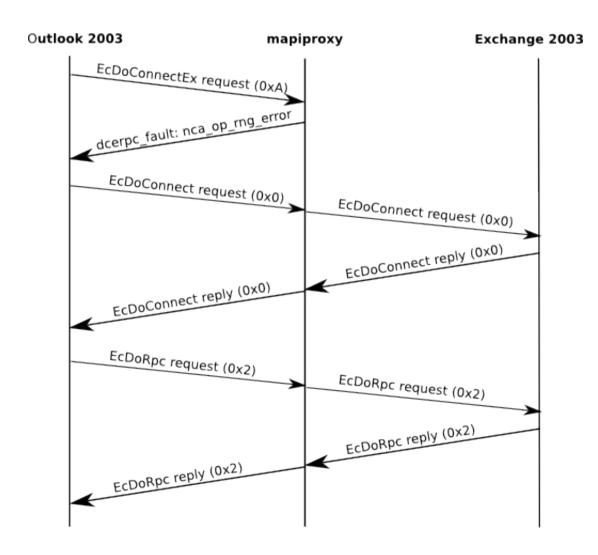






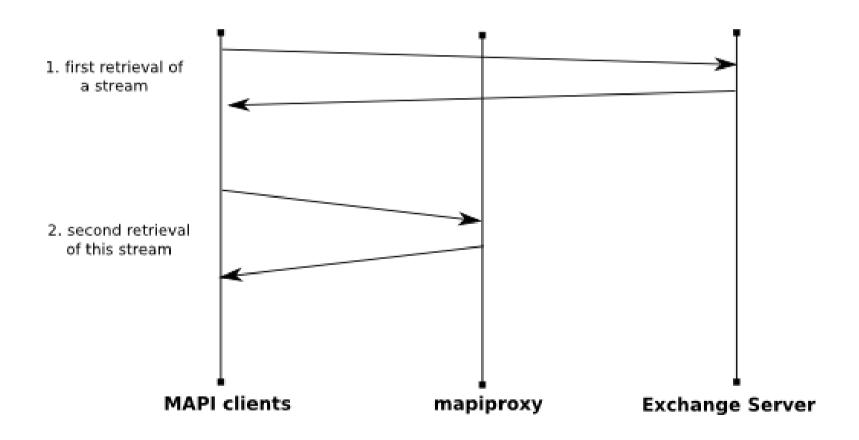






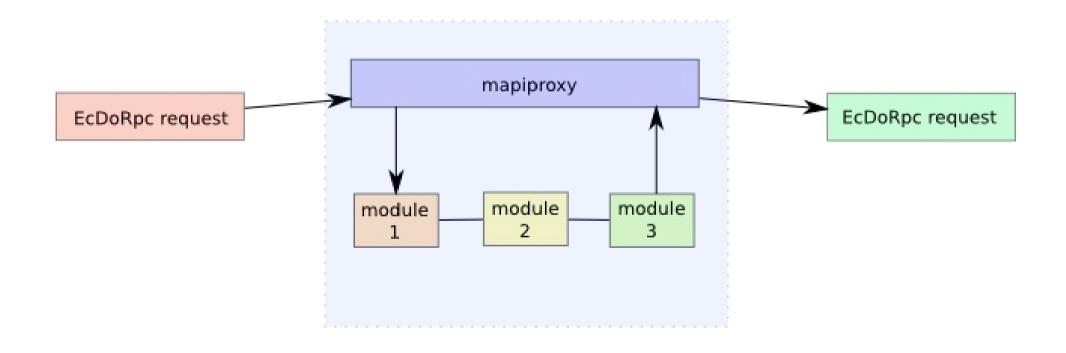








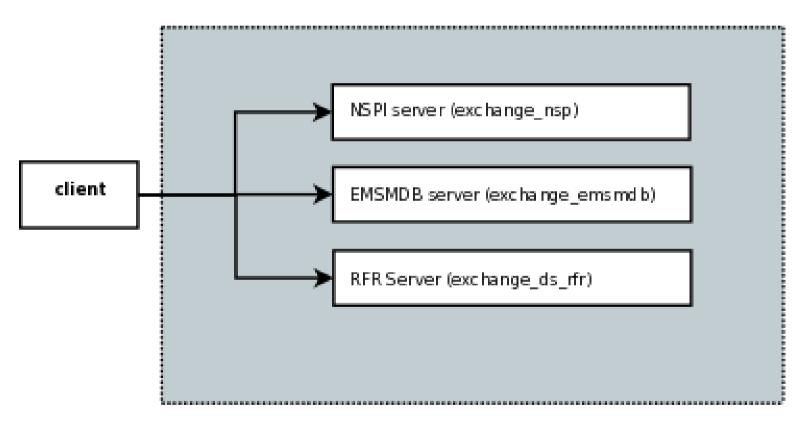








dcerpc_mapiproxy:server = true

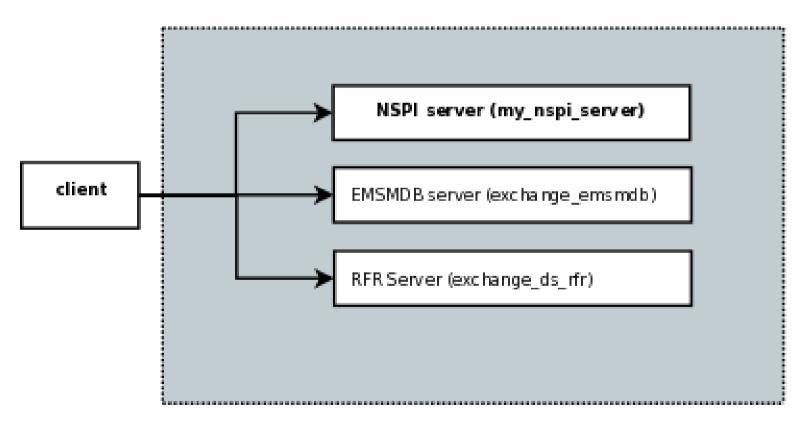


MAPIProxy Instance





dcerpc_mapiproxy:server = true
dcerpc_mapiproxy:nspi_server = my_nspi_server

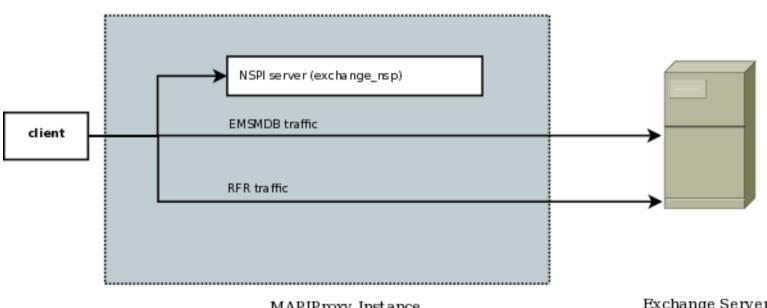


MAPIProxy Instance





dcerpc_mapiproxy:server = false dcerpc_mapiproxy:nspi_server = exchange_nsp



Exchange Server MAPIProxy Instance