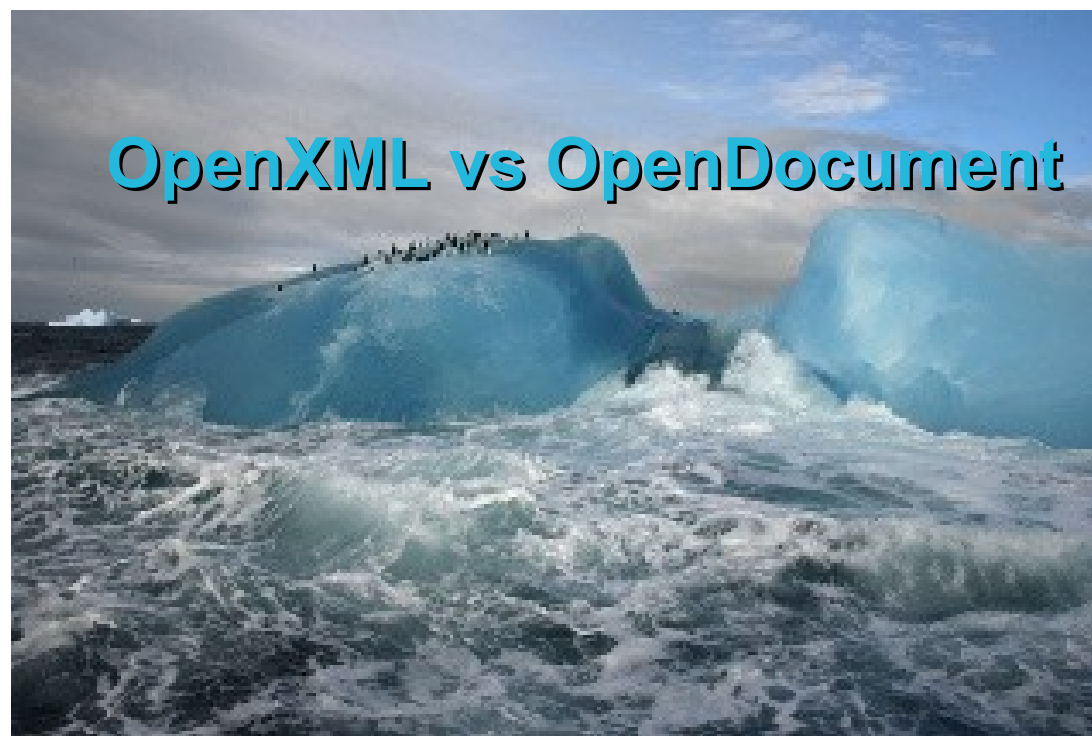


# Dokumentverdens tilstand



John Gøtze

# ODF OpenXML

By far the most terrifying film  
you will ever see.

## an inconvenient truth

A GLOBAL WARNING

LOREM NOSTRUD PRESENTS A DOLOR AMET PRODUCTION A CORPER SUSCIPIT FILM CONSECT ETHER "AUTEM VENSIT" LOBORTIS INSI. MAGNA MINIM. COMMODO CONSEX.  
VENTAME NOSTUO "OF DOLORE MAGNA" SEQUITUR ESSE MOLESTIAE "VITAM VITAM" EDSE T. ACCUSAM "OF ISMOD TINCIDUM A.C.E." PROSECTIO EXER CITATION. DIRECTOR OF UTAGNA LASEORA S.S.C.  
CORPORATION. LORTIS NAJEYDI. XUIS NOSTUO "OF VOLUPTATE VELIT" "OF ACCUSAM ADIPSCING" PROSECTIO OF DOLOR AMET DIRECTOR OF CORPER SUSCIPIT

# Bret Swanson: Exa-oversvømmelsen

- 1 exabyte =  $10^{18}$  (tusind millioner gigabytes)
  - alle ord menneskeheden nogensinde har sagt = 5 exabytes
  - internettrafik om året præ-YouTube = 5 exabytes
  - YouTube trafik i dag = internettrafik år 2000
  - High-definiton YouTube = 50 exabytes
  - Data-amok:
    - 2006: 161 exabytes
    - 2010: 988 exabytes (snart 1 zettabyte)
      - IDC: Vi producerer/forbruger mere data end vi har lagerplads til

# Hullet i dokumentlaget



+




=



Binære drivhusgasser?

**B103!**





Hmmm ... er det  
OpenXML- eller ODF-  
tilhængerne, der er  
taberne??

# Over there



**B103er i de tre store stater:  
Californien, Florida og Texas  
Plus i Masseurhusetts, Oregon, Minnesota**

# Florida Senate - 2007: Bill No. SB 1974

(1) By July 1, 2009, the Agency for Enterprise Information Technology shall develop a plan and a business case analysis for the creation, exchange, and maintenance of documents by state agencies in an open format that is capable of being:

- (a) Published without restrictions or royalties;
- (b) Fully and independently implemented by multiple software providers on multiple platforms without any intellectual property reservations for necessary technology; and
- (c) Controlled by an open industry organization having a well-defined inclusive process for evolution of the standard.

(2) Each state agency must be able to receive electronic documents in an open, extensible markup language-based file format for office applications and may not change documents to a file format used by only one vendor.

(3) The Agency for Enterprise Information Technology shall develop rules for state agencies to follow in determining whether existing electronic documents must be converted to an open, extensible markup language-based file format. In developing guidelines under this subsection, the agency shall consider:

- (a) The cost of converting electronic documents; (b) The need for public access to the documents; and (c) The expected storage life of the documents.

# PROTECTING THE EARTH FROM THE SCUM OF THE UNIVERSE



MR. JONES

MR. SMITH

# MEN IN BLACK

COLUMBIA PICTURES PRESENTS AN AMBLIN ENTERTAINMENT PRODUCTION  
A WALTER P. PARKES / LAURENCE MACDONALD PRODUCTION  
A BARRY SONNENFELD FILM  
STARRING TOMMY LEE JONES WILL SMITH "MEN IN BLACK" LINDA FIORENTINO VINCENT D'ONOFRIO RIP TORN  
AGGRESSIVE STEVEN R. AMLEN  
PRODUCED BY RICK BAKER  
WRITTEN BY PHILIPPO AND INDUSTRIAL LIGHT & MAGIC  
EDITED BY DANNY FEJMAN  
COSTUME DESIGNER JIM MILLER  
PRODUCTION DESIGNER WELCH  
EXECUTIVE PRODUCERS GUY PETERMAN  
PRODUCED BY GRAHAM PLACE  
EXECUTIVE PRODUCERS SEVEN SPELBERG  
EXECUTIVE PRODUCERS LOWELL CUNNINGHAM  
EXECUTIVE PRODUCERS JOSEPH S. SILVERMAN  
EXECUTIVE PRODUCERS WALTER P. PARKES AND LAURENCE MACDONALD  
EXECUTIVE PRODUCERS BARRY SONNENFELD  
© 1997 AMBLIN ENTERTAINMENT  
ALL RIGHTS RESERVED  
www.meninblack.com



# California: BILL NUMBER: AB 1668

- (a) Beginning on or after January 1, 2008, all documents, including, but not limited to, text, spreadsheets, and presentations, produced by any state agency shall be created, exchanged, and preserved in an open extensible markup language-based, XML-based file format, as specified by the department. When deciding how to implement this section, the department in its evaluation of open, XML-based file formats shall consider all of the following features:
  - (1) Interoperable among diverse internal and external platforms and applications.
  - (2) Fully published and available royalty-free.
  - (3) Implemented by multiple vendors.
  - (4) Controlled by an open industry organization with a well-defined inclusive process for evolution of the standard
- (b) Beginning on or after January 1, 2008, state agencies shall start to become equipped to accept all documents in an open, XML-based file format for office applications, and shall not adopt a file format used by only one entity.
- (c) The department shall develop guidelines for state agencies to follow in determining whether existing electronic documents need to be converted to an open, XML-based file format. The department shall consider all of the following:
  - (1) The cost of converting electronic documents. (2) The need for the documents to be publicly accessible. (3) The expected storage life of the documents.



# The Bottom Line

**"Our first priority is to get everything into XML.**

This will further our plans of transitioning to a Service Oriented Architecture that leverages the value of our vested information systems, while enabling the quick integration of WebWare Services (SaaS), Web 2.0, and Office 2.0 collaborative advances".

**Bill Welty  
CIO**

**California Air Resources Board**

**Bill Welty, CIO of the California Air Resources Board**

# Glem dokumenterne. Tænk XML!

- Det handler om det der er inde i zippen
- Det handler om XML - SOA
  - Desktops <> Servers <> Devices <> the Web
  - Legacy Desktop <> Server Systems => SOA
  - WebWare Services, Web 2.0, Office 2.0
  - Collaborative Computing
- OpenXML: The Microsoft Stack
- ODF: The Open Stack

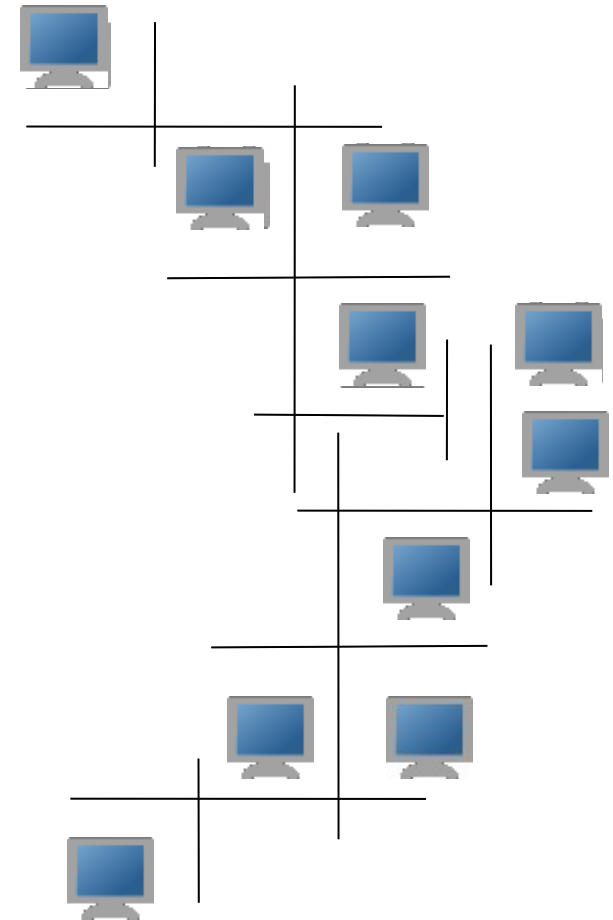
# Udfordringen

- **Konverteringen** - .doc/.xls/.ppt problemet
- **Round Trip Fidelity** – ESDH m.m.m.
- **Applikationsmæssig interoperabilitet** – andre systemer, platforme, services



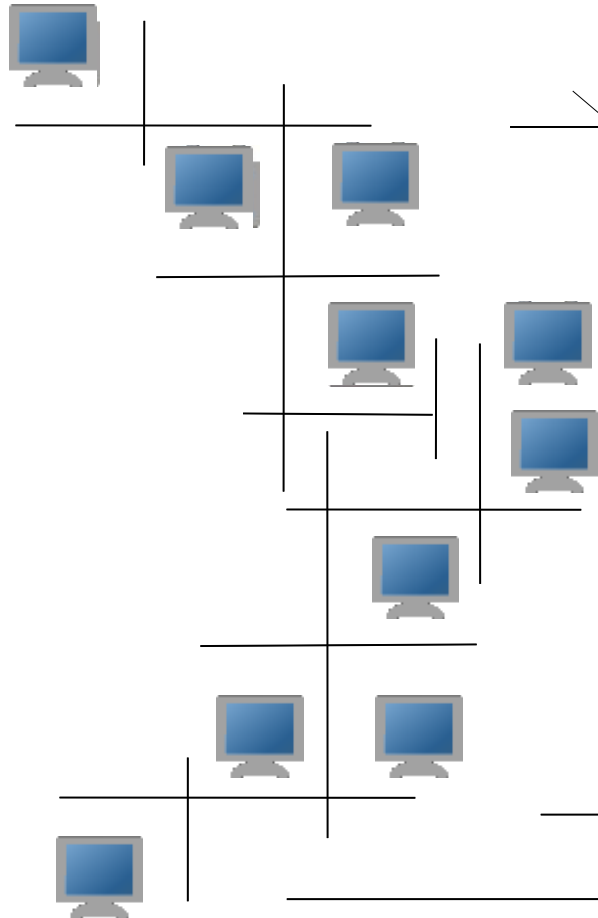
# Dokumenter i kontekst

- Dokumenter "lever" i et komplekst økosystem
- 'Rip Out & Replace', en naiv tilgang
- Migrering i flere tempi

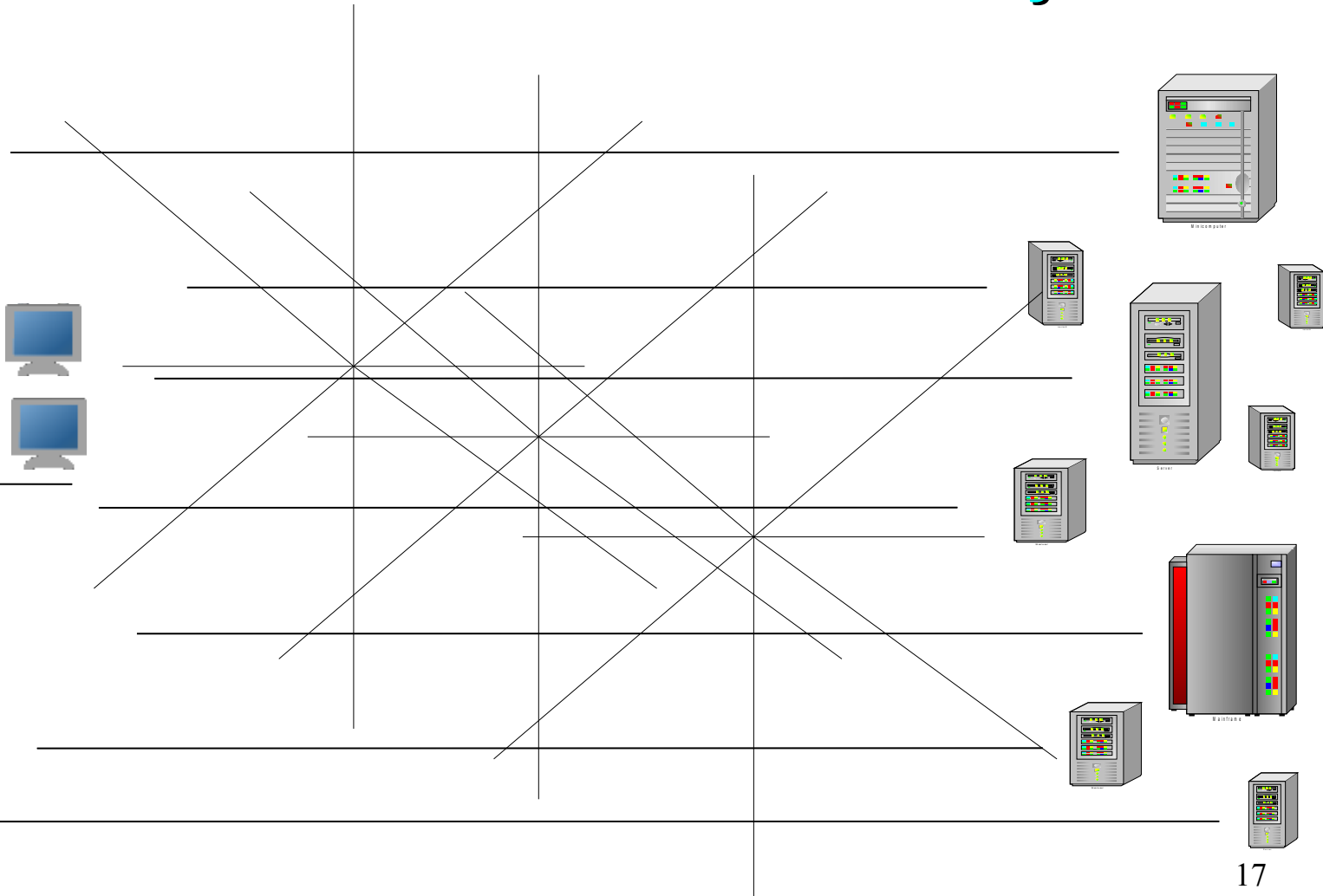


# Client-Server Basics

Office  
WorkGroups

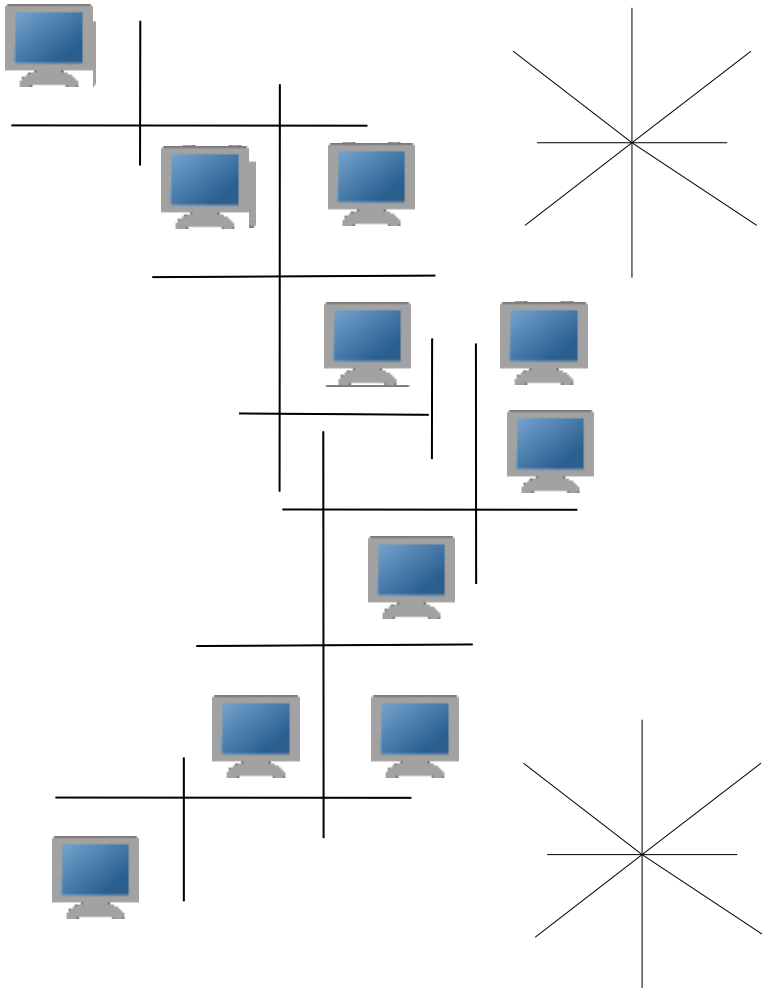


Backend  
..... Systems

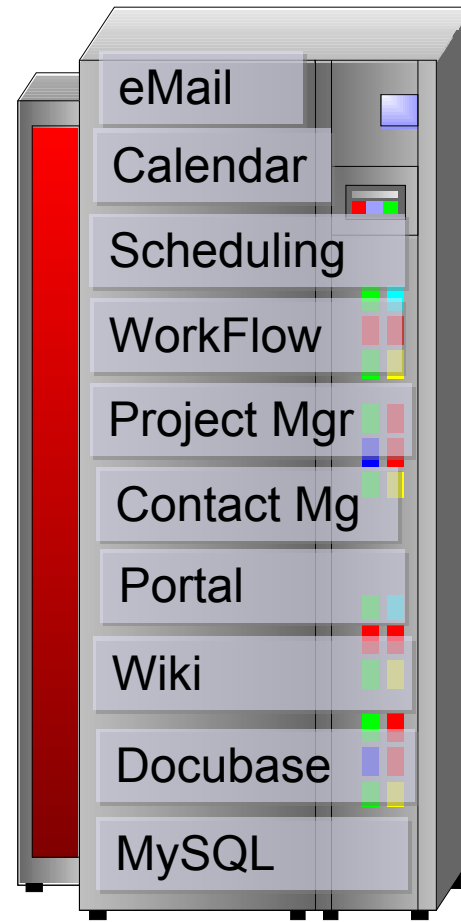


# XML Hub Basics

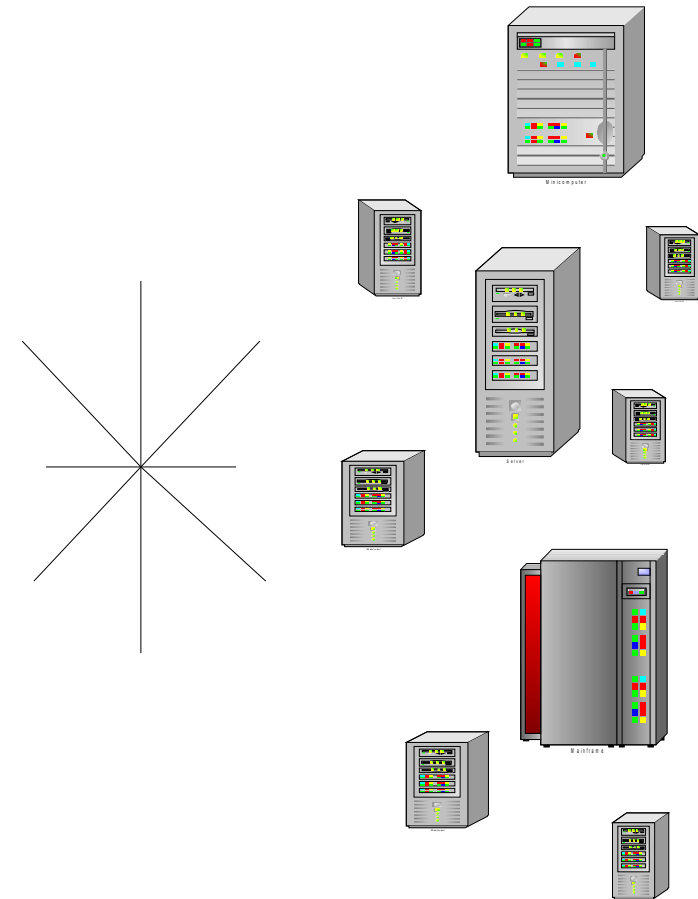
## Office WorkGroups



## The Hub

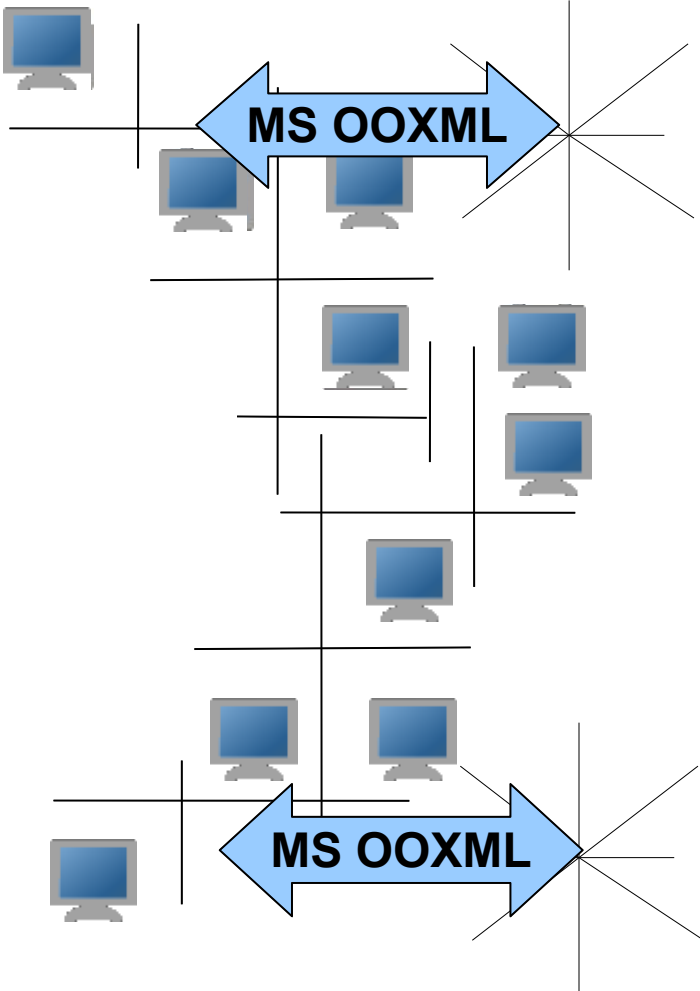


## Backend ..... Systems

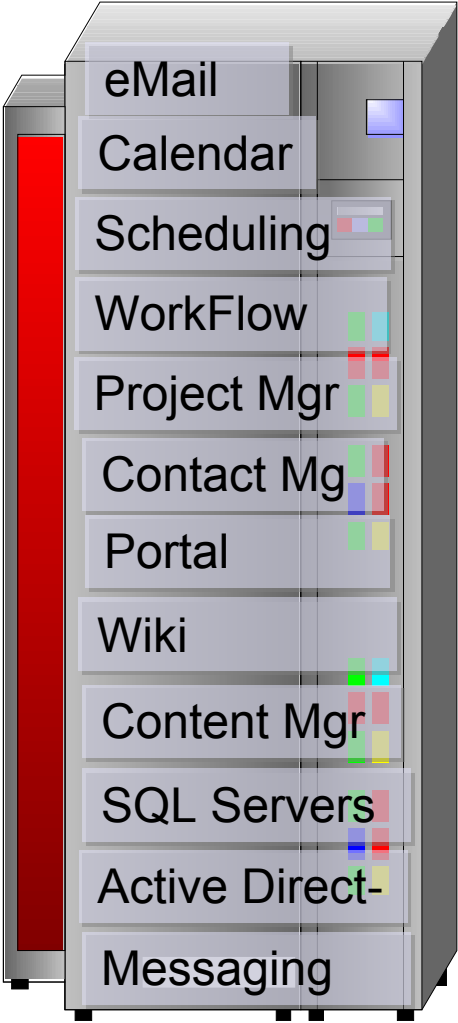


# MS Exchange/SharePoint Hub

## MSOffice WorkGroups



## E/S Hub

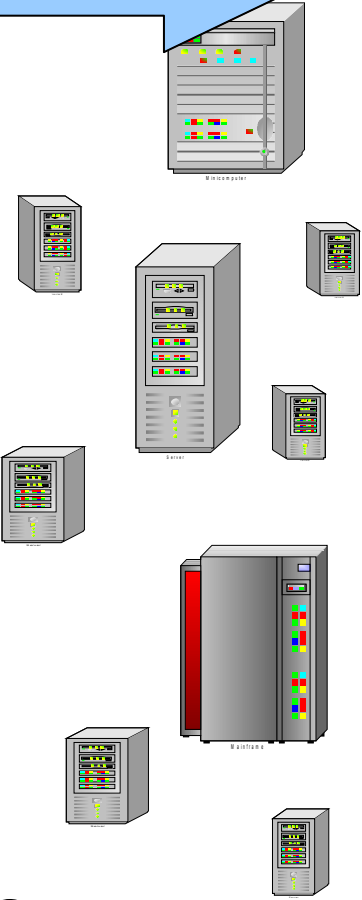


## Backend ..... Systems



### Barrier to Hub

- MS SQL Servers
- MS Live Services
- MS Dynamic CRM
- MS Dynamic ERP
- MS Web Servers
- Media Services
- VOIPServices
- Web Applications
- MS Developer Net



### Barrier to WorkGroups

**Frihed**

**+**

**Konkurrence**

**=**

**ODF**

# Gary Edwards: An Issue of Sovereignty

## OpenDocument Features:

- ODF is designed to be application and platform independent
- ODF reuses existing XML & Internet Standards
- ODF is designed to be timeless and enduring

## MS OfficeOpenXML

- MOOXML is designed to meet the needs of MSOffice
- MOOXML is bound to Microsoft applications and platforms
- reuses proprietary and platform specific components, libraries, data schemas, media formats and system dependencies
- MOOXML license blocks reuse of proprietary dependencies on other platforms

# Alternativer til Microsoft Stack??



- IBM Lotus/Workplace Stack
- Oracle Enterprise Stack
- SAP Stack
- BEA
- Salesforce.com
- OSS – Linux – Apache
- Web 2.0 - WebWare

# Open Stack ODF Hub

