IBM Enterprise
Content Management

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Content Management Technical Sales
Content Manager Portfolio

Enterprise Information Portal
(Content Integration Middleware)

Information Sources & existing Repositories

WWW
Customer Service Solutions

Portal

Kofax Scanning
Incoming paper documents & letters

Scan
Fax
Multimedia objects
Computer Output
Internally produced PC documents

VideoCharger
Media Streaming

Content Manager or OnDemand

Content Management
Central Repository

TSM

E-mails
Invoices

WWW

Exchange
SAP

LO B/C RM applications
ex. Siebel

Web Content Management
e.g. Aptrix/Presence Online

DB2 Data Management Software
Content Manager Architecture

Thick Client or App Svr

Application

API (C++, Java)

SQL

DB2

Extenders

Library Server

SP SP SP

Thin Client

HTTP, FTP, ...

Object Server

Video Charger

Resource Managers

Windows, AIX, Solaris, 390
CMv8 Meta Model

This class hierarchy and its implied relationships represents the CM base entities.
Hierarchical Item Type

Any Depth

Root

Child

Child

Child

1 Row, user/system attributes

0-n Rows
user/system attributes

Any Width
CM Document Routing

- An integrated document routing service for Content Manager
- Embedded workflow engine
  - High performance
  - Small footprint
  - Integrated ACL checking
- Enhanced modeling capability over CM V7
  - Sequential routing
  - Branching based on the specified action
  - Collection points
  - Server exits on entering/leaving work nodes
- Enablement for application development
  - Java API
  - C++ API
  - Java Non-Visual Beans
- Document Routing support in eClient and Production Client V8
Workflow Terminologie

Sequential Routing

Parallel Routing

Decision Point

Collection Point

AND

JOIN

OR

External event
Summing up EIP Workflow

- A process oriented workflow system for content routing across multiple heterogeneous back-end servers
- Graphical workflow builder for defining a workflow
- Workflow OO API and beans for developing workflow solutions
- Enhancements over EIP V7
- New enhancements in V8
  - C++ API
  - Decision points
  - Collection points
  - Sub-workflow
  - Data container support
  - Workflow support in eClient and Production Client
  - Improved user interface of WF builder
LDAP Support for:
- IBM Secure Way Directory
- Lotus Domino Directory
- Windows 2000 Active Directory
Store & Retrieve by ODMA

Access form LWP (File/Open) menu to Content Manager
Browser (e)-Client
eClient Roadmap
IBM Content Manager & CommonStore

Notes | SAP | Exchange

Thin Client | Notes Client | Fat Client

Unified Portal API Set
Enterprise Information Portal

Content Manager
OS/390, NT, OS/400, AIX, HP, SUN, OS/2

Full Text
Documentum
RDB
File
Web
Notes
Other

Video Charger

Content Clients
Production Clients

Notes
SAP
Exchange

CommonStore

DB2 Data Management Software
V8 Key Values

- Improved performance and scalability
  - push function down the system stack
  - improved use a parallelism
  - elimination of staging/destaging
  - more powerful data model
- Enhanced e-Client and Production Windows Clients
  - establish two strategic clients
  - expose all the function of the servers to the client
- Enhanced application integration facilities
  - unified object-oriented API for C++ and Java
  - development components (Visual and non Beans)
- New functions for additional application support
  - hierachical data model, versioning, advanced workflow
  - finer granularity for access control
- Expand, converged platform coverage
  - Windows, AIX, MVS, Sun Solaris
- Enhanced XPath based query--combines parametric and full-text search
IDM Magic Quadrant 2002

Quelle: Gartner Group, Stand: Juli 2002