What's New in Documentum 7.3

- Michael Mohen, Chief Architect, DE
- Tara Shaw, Product Management
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Recent News

“Dell EMC and OpenText are committed to supporting customers through the transition with world-class support. In addition, it’s OpenText’s intention to maintain and invest in ECD’s portfolio to protect customers’ investments in their current products and solutions.”

- Mark Barrenechea, CEO & CTO, OpenText

• Business as usual until close: 90-120 days
• Roadmaps have always been under NDA and subject to change
• Momentum ECN for FAQs and ongoing communications
• Follow SPARK blog for executive updates - sparkblog.emc.com
Documentum Platform Services

Documentum Platform*
- Documentum Content Server (CS)
- Documentum APIs / SDKs
  - Documentum Foundation Classes (DFC)
  - Documentum REST Services
  - Documentum Foundation Services (DFS)
  - Content Management Interoperability Services (CMIS)
  - Thumbnail Server
- Documentum Tools
  - Documentum Administrator (DA)
  - Documentum Composer
- Search and Indexing
  - xPlore
  - Content Intelligence Services (CIS)
  - Federated Search Services (FS2)

Documentum Platform Extensions *
- Branch Office Caching Services (BOCS)
- High Volume Server
- Content Storage Services (CSS)
- Content Services for NetApp SnapLock

Content Transformation Services
- Media Bundle *
- Documents Bundle *
- Audio-Video Bundle *
- XML Transformation Services *

Trusted Content Services (TCS) *

* - Separately licensed
Documentum Platform 2016/2017

Key Themes

Continuous Delivery: Stateless Containers for Fast Upgrades & Patches

Lower Total Cost of Ownership:
- Open Source
- Simship

New User Enablement:
- More REST Services
- CMIS 1.1
- Better Together LEAP integrations

Trust & Security:
- SAML 2.0 SSO
- JDK Update Tool
- Cross Forest Kerberos
Patches and Upgrades

#1: Alleviate Heavy Activities

**Optimizations**
- Unattended Install / Upgrade Tools
- Preservation of Customizations
- Dormant State for Non-Admins

**Scripts**
- Rename Docbase
- Change Docbase ID
- Change Install Owner

**Best Practices**
- ACL clean-up
- Workflow preparation
- Audit File clean-up

20% Reduction in Administration Effort
Making Upgrades Even Faster
#2: Addressing the Root Cause of Downtime

RE-INDEXING CHALLENGE
NO FORCED CHANGES
STATELESS DOCUMENTUM
Making Upgrade Easier with Application Containers

#3: Uniform Portability without Disruption

Content Server 7.2

Docbase 7.2

APP CONTAINER

STATELESS DOCUMENTUM 7.3

Docbase “BEDROCK”
Containers are isolated but share OS, and bins/libraries where appropriate, for lightweight efficiency.

VMs
Every app, every copy, every modification requires a new virtual server.

Containers
- Original Container has no OS, so less space, resources, restart time
- Copy can share bin/libs
- Union filesystem can save deltas between modified containers

40% to 80% savings in hardware
Docker - High Level Deployment
Docker Swarm

```
# docker run --restart=unless-stopped -d -p 3375:2375 swarm manage ...
# docker run -d swarm join --addr=node1:2375 consul://10.0.0.2:8500
# docker run -d swarm join --addr=node2:2375 consul://10.0.0.2:8500
# docker run -d swarm join --addr=node3:2375 consul://10.0.0.2:8500
```
Docker Swarm

Alternatives:

- Kubernetes
- Mesosphere
- Apache Mesos
- ...

Swarm:

- Native (Docker, Inc.)
- Clusters many Docker hosts into a single large pool
- Simpler management at scale
Stateless Documentum and Docker

#5: Continuous Delivery to Production

Up to 95% savings in upgrade effort and downtime
Documentum Application Containers

#6: Flexible Deployment Support

DEVELOPER / POC

INDIVIDUAL SERVICES

STATELESS DOCUMENTUM
### Planned Documentum App Containers

#### #7: Certification Across the Solution Stack

<table>
<thead>
<tr>
<th>Platform</th>
<th>D2</th>
<th>xCP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Content Server &amp; DocBroker</td>
<td>D2 Config</td>
<td>BPM</td>
</tr>
<tr>
<td>xPlore &amp; CIS</td>
<td>D2 Client</td>
<td>BPS</td>
</tr>
<tr>
<td>BOCS</td>
<td></td>
<td>XDA</td>
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<tr>
<td>JMS</td>
<td></td>
<td>App-host</td>
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<tr>
<td>Webtop Documentum Administrator</td>
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<tr>
<td>REST Services RPS</td>
<td></td>
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</table>

**Q4/2016:** Linux (CentOS, Ubuntu); Oracle/PostgreSQL; Tomcat Microsoft WS2016 for post-Bedrock

ALSO Best Practices for “Grown-at-Home” containers
Easy Migration to Containers

#8: Adopt Docker when Ready

On Premise Content Server → Hosted Content Server → Docker Content Server → Docker Content Server → Repository
Trust and Security

- SAML 2.0 SSO
- Cross Forest Kerberos
- JDK Update Tool
Experience

- Fast Search within Folders
- Mixed Language Indexing
- SKOS two-way expansion
- Multiple Term Optimization
- Non Admin Reports

Admin, Performance, TCO

- Docker
- SSO Admin Console
- Push Config to multiCPS
- Preserve Config Profiles
- Fast Thesaurus Import
- Wildcard Cut-Off Feedback
- Pause Rebuilds per Collection
- ReFeed Feedback & Resume
- Optional Position Information
- Advanced Collection Routing
- ACL Cache Controls

Search: xPlore 1.6
CMIS 1.1

- Browser Binding (JSON)
- Bulk Property Updates
- Append to Stream
CMIS Comparison by Vendor

http://cmissync.org/CmisCompat/
Documentum REST Services

- Saved Searches
- Search Templates
- Advanced Structured Search with Facets
- User Group Management
- User Preferences
- Access Control
- SAML 2.0
- Value Assistance
- Lightweight SysObjects
- Aspects
- Virtual Document (read-only)

UNDER INVESTIGATION
- Retention
- Workflow
- Transformation
- Collaboration
- Comment Services
Environmental Pressures on Content Transfer
Applet-Free Transfer

- No dependency on JRE plug-in or applets
- New Browser Plug-in takes place of Java Applets to interact with OS filesystem
- Shields web applications from future changes

UCF (Webtop & DA)
Native clients (D2 & xCP)

D2 Goblin (Q4) | Webtop Aragorn (Q3) | DA Bedrock (Q4) | xCP Moonbow (Q3)
Product Downloads from Online Support
# Online Support Matrix

## Enterprise Content Division (ECD)

### Platform

<table>
<thead>
<tr>
<th>Platform</th>
<th>D2</th>
<th>Connectors</th>
<th>Collaborations</th>
</tr>
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<tbody>
<tr>
<td>Content Server 7.0, 7.1, 7.2, xFinder 2.2, 2.3, 2.4, 2.5, CMIS 7.0, 7.1, 7.2, REST 7.0, 7.1, 7.2</td>
<td>D2 4.0, D2 4.2</td>
<td>DC4SP 7.0, DC4SP 7.1, DC4SP 7.2</td>
<td>eRoom 7.4, eRoom 7.4 SP1, eRoom 7.4.5, eRoom 7.5</td>
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<td>DFC 7.0, 7.1, 7.2, DA 7.0, 7.1, 7.2, Composer 7.1, 7.2</td>
<td>D2 4.5</td>
<td>MyDuet 7.1, My DD 7.2</td>
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<tr>
<td>Documentum</td>
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### WDLC Clients

<table>
<thead>
<tr>
<th>WDLC Clients</th>
<th>XCP</th>
<th>Compliance</th>
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<td>WebTop, DAC 6.8, WebTop, DAC 6.8.1</td>
<td>xCP 2.0, xCP 2.1, xCP 2.2, xCP 2.3, TaskSpace 6.7 SP3, Process Integrator 6.7 SP3, BAM 6.7 SP3</td>
<td>RM 6.7 SP3, RM 6.8, RPM 6.7 SP3, RPM 6.8, PR2 0.7 SP3, 0.8, FR3 6.8</td>
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</table>
### Business Transformation Enablement
- Software-defined storage and hyperscaling (ViPR & ECS)
- Search, batch transactions and extensibility for REST

### Content Lifecycle Management
- WORM data protection with retention (Data Domain Retention Lock, Isilon SmartLock)
- Flexible indexing optimizations for xPlore

### IT Management
- TOP SECRET protection for content at rest and in transit (AES-256)
- Administrator-proof protection for primary application keys (RSA Lockbox)
- Additional enterprise authentication updates (SHA-2, Kerberos Constrained Delegation)
- Automated AEK encryption key upgrades

### 7.2 (FEB 2015)
- Stateless Documentum
- REST for Value Office Solutions
- CMIS 1.1

### 7.3 “BEDROCK” (Q4 2016)
- Stateless Documentum
- REST for Value Office Solutions
- CMIS 1.1

### Recent & 1H 2016
<table>
<thead>
<tr>
<th>Version</th>
<th>GA Date</th>
<th>EOPS Date</th>
<th>EOES Date</th>
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<td>6.7 SP2</td>
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<td>7.0</td>
<td>21 Nov 12</td>
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<tr>
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<tr>
<td>7.2</td>
<td>09 Feb 15</td>
<td>28 Feb 19</td>
<td>28 Feb 22</td>
</tr>
</tbody>
</table>

### Next
- LEAP integrations
- Hybrid Bridge
- Federal Standards
- xPlore billion object benchmark

### IT Management
- Segregated Security Roles
- Independent JMS
- S3 Storage Support
- Cryptography-Free binaries for Russia & China
- Root-free scripting
- DockerHub
- Windows 2016 Docker

All dates in blue are past GA dates
All dates in green are committed GA dates
All dates in orange are targeted GA dates
All items in purple are exploratory work with no targeted GA date yet.

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#MMTM16

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Take the LEAP personality quiz and win!

Genius Labs
Garden Level
Foyer
DOWNLOAD

MOMENTUM BARCELONA APP AND WIN!


BEYOND SILOS

Play the BEYOND Game and win a Raspberry Pi pre-loaded with InfoArchive