

Nuxeo at IO

Stefane Fermigier - Nuxeo
Evry, Feb. 2011

The image shows a screenshot of a Twitter profile page for Stefane Fermigier (@sfermigier) on a Mac OS X interface. The window has a title bar with standard Mac OS X window controls (red, yellow, green buttons) and the text "sfermigier". Below the title bar is a navigation bar with icons for a clock, an @ symbol, a star, and a person icon. The profile section includes a profile picture of Stefane Fermigier, his name "Stefane Fermigier", his handle "@sfermigier", and his follower count "#18,159,539". Below this is a button labeled "Edit Profile...". The bio section states: "bio Founder of Nuxeo & OSS4Cloud; cofounder of GTLL. Interests include: entrepreneurship, open source, ECM, software craftsmanship, the cloud and the semantic web." The location is listed as "location Paris, France" and the website as "web fermigier.com/". The following and followers counts are shown as "following 736" and "followers 1,010". On the left side of the window is a dark sidebar with several icons: a profile picture, a speech bubble, an @ symbol, an envelope, a list icon, a person icon, a magnifying glass, the Nuxeo logo, and the GT Logiciel Libre logo. At the bottom of the sidebar is a Twitter bird icon.

sfermigier

Stefane Fermigier
@sfermigier
#18,159,539

Edit Profile...

bio Founder of Nuxeo & OSS4Cloud; cofounder of GTLL. Interests include: entrepreneurship, open source, ECM, software craftsmanship, the cloud and the semantic web.

location Paris, France

web fermigier.com/

following 736

followers 1,010

nuxeo
Open Source ECM

GT
Logiciel Libre

Personal journey

- Studies in mathematics (-> PhD)
- Discovered Unix and Free Software in 1988, Linux in 1991, the Web et Python in 1996
- Co-founded AFUL en 1998
- Founded Nuxeo fin 2000
- Co-founded the GTLL (F/OSS interest group) in 2007

The Open Source Tornado

Apps

Middleware

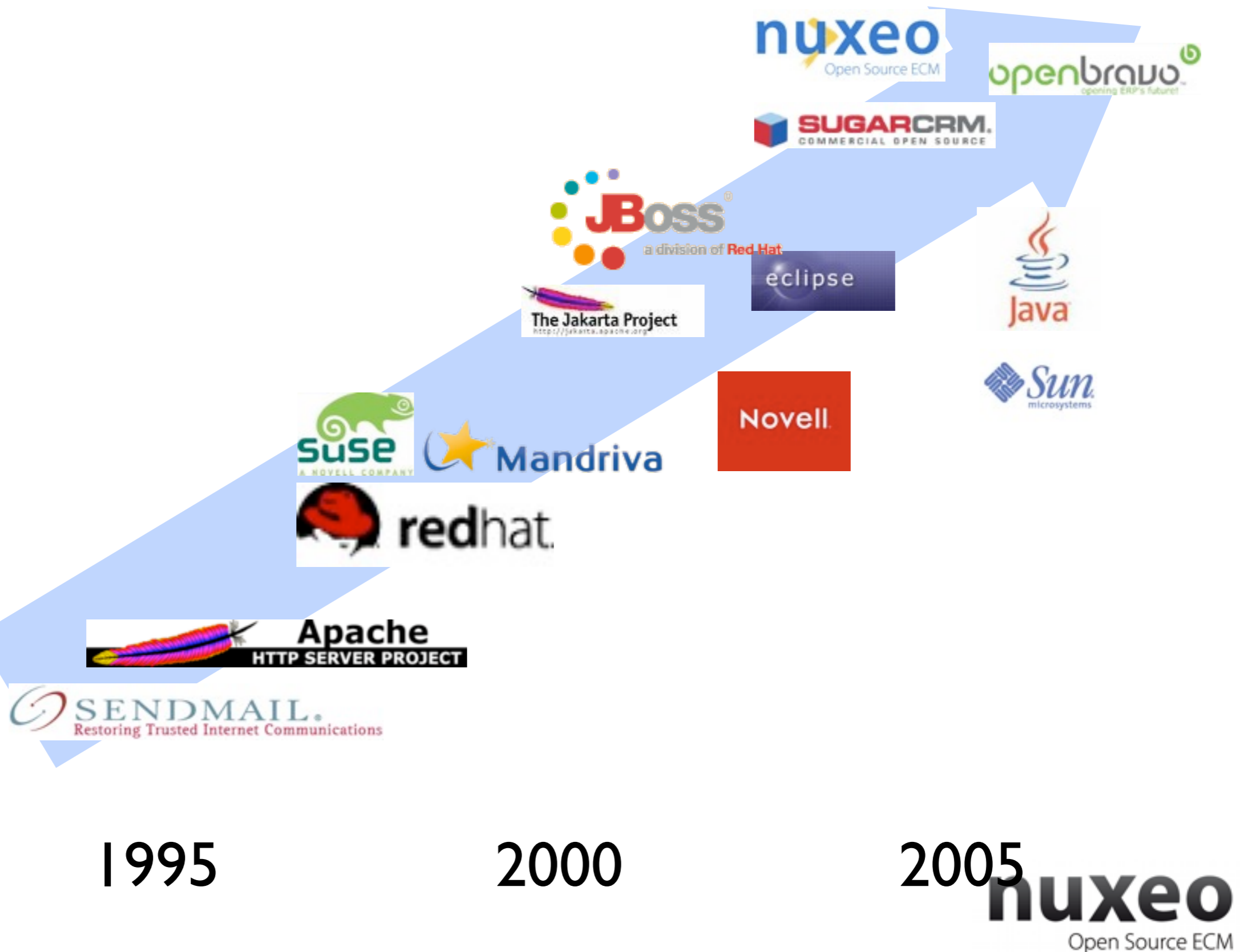
OS

Internet Infra

1995

2000

2005



The early years 2000-2005

Timeline

- Nuxeo founded in 2000
- Initial technology focus on Python and Zope
- Our initial motto: “Web solutions for better collaboration”
- 2002-2005: we create the Zope-based Nuxeo CPS project
 - Which lives on at www.cps-project.org

Nuxeo CPS

- Content management and portal platform
- Built on top of the Zope and CMF (Content Management Framework) open source frameworks
- Architecture: pluggable components (“Products”) and events

Growing a self-funded company

- Initial focus on services
- Market opportunity: F/OSS in the (mostly) French Public Administration
- Partnering with bigger players (ex: Capgemini) is both mandatory and difficult
- Starting up a company is risky (specially if you've never done it before)
- Cash is absolutely king!

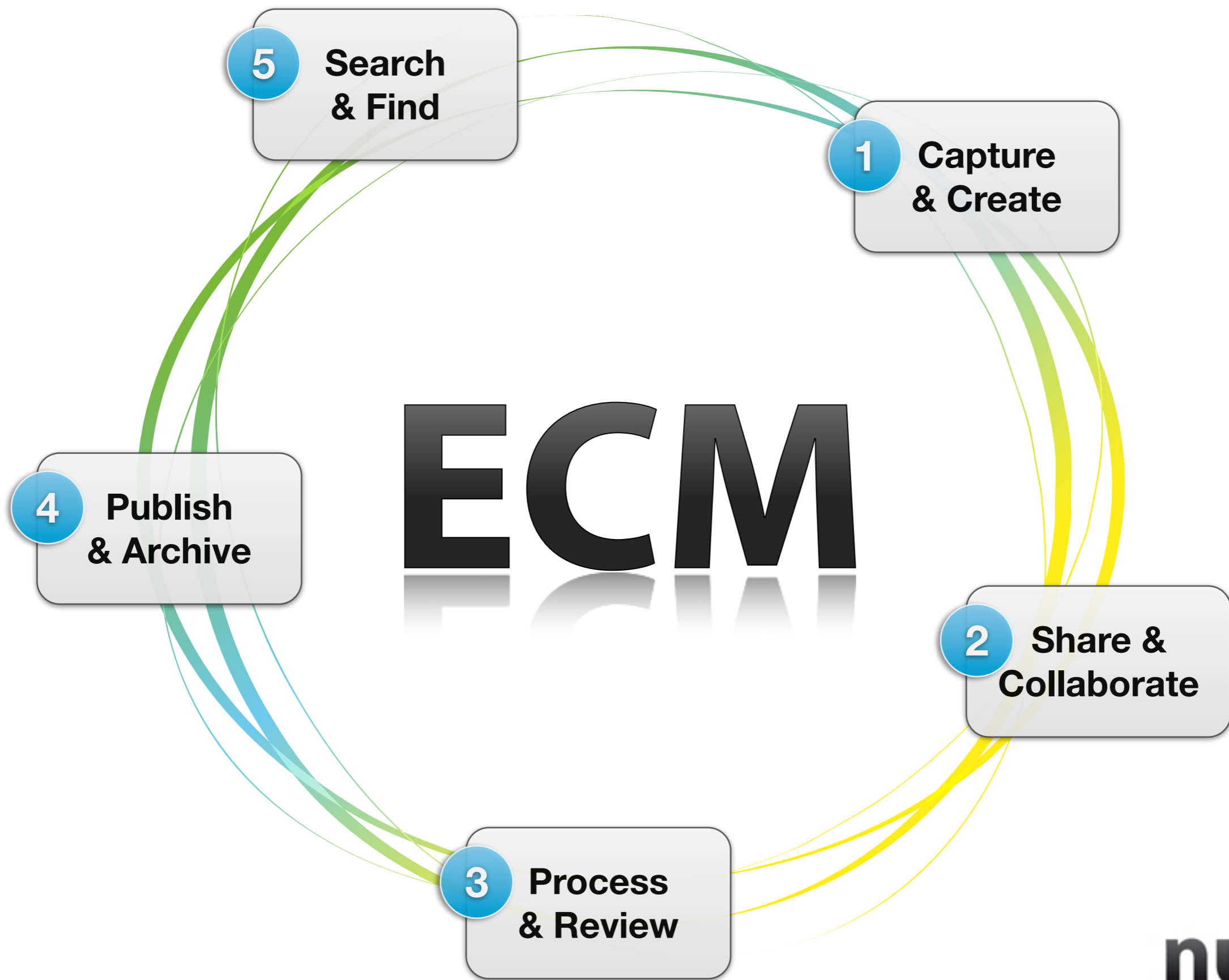
The Java EE years 2005-Now

Timeline

- 2005: First Eclipse RCP based project (front-end with Zope/CPS based back-end)
- 2006: Full switch to Java (Java EE 5 and OSGi)
- 2009: Raised VC funding to migrate business model from service company to OSS Software Vendor and conquer the world
- 2010 & 2011: Launched the Apache Chemistry, Apache Stanbol and Eclipse ECR projects

What is ECM?

ECM, a concept that emerged in the early 2000s, represents the **integrated enterprise-wide** management of all forms of **non-structured** (and sometimes, semi-structured) **content**, including their **metadata**, across their whole **lifecycle**, supported by appropriate technologies and administrative infrastructure.



What are CEVA?

- 4LA invented by Gartner in 2006: “**Content Enabled Vertical Applications**”
- “CEVAs typically help to **automate complex processes** that **previously** required workers to manually sort through **paper documents** and other forms of content (in effect, a way to **manage down costs** of exception handling) and **optimize** the remainder of the work.”

Our Goal (as of 2006)

- Create an **ECM platform** that enables us and partners to create generic **document and content management** applications as well as **CEVAs**
- Move towards an **open source vendor** business model and focus on **recurring revenue** (= subscription) growth

Switch to Java: Why?

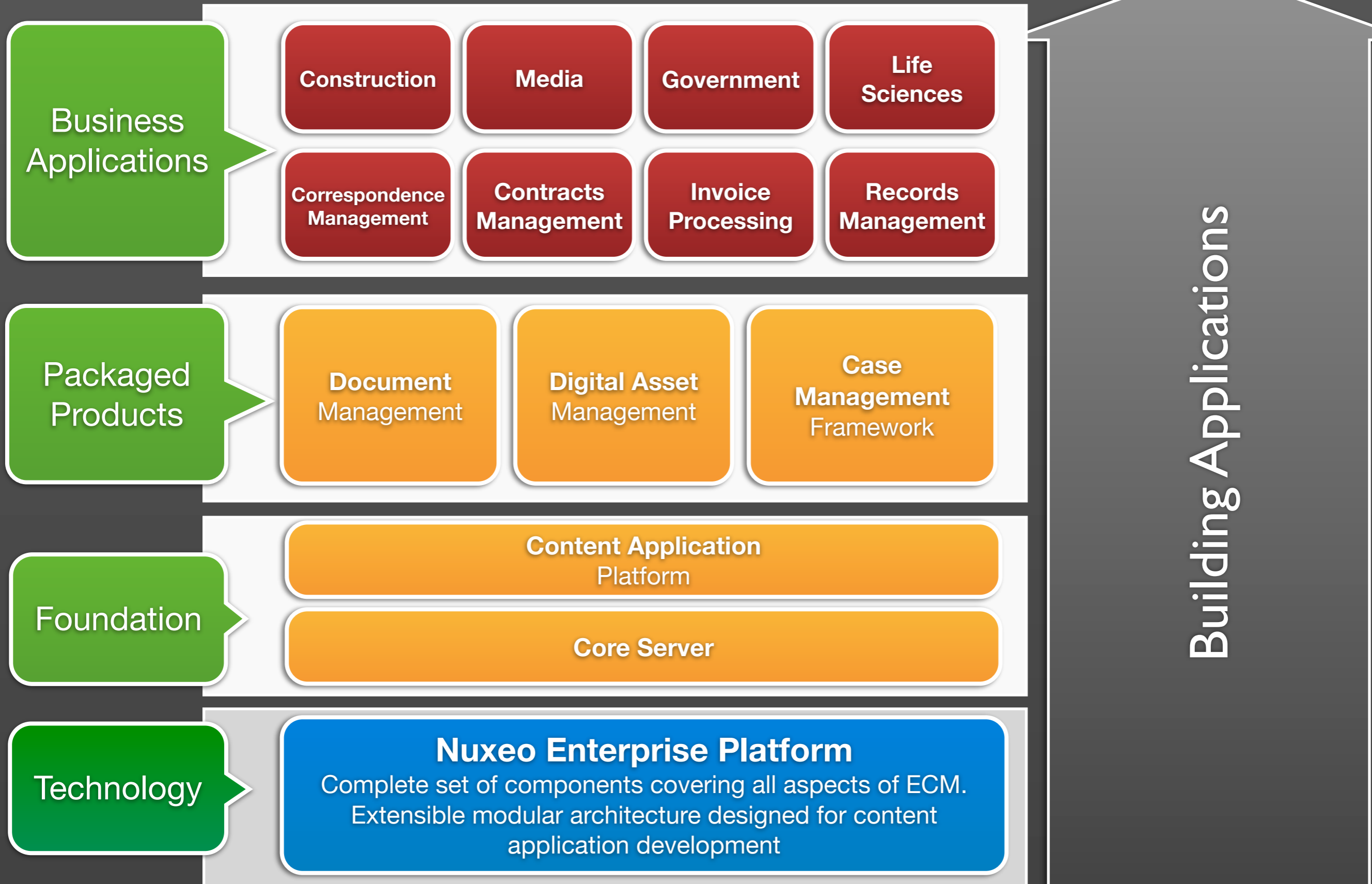
- Technical reasons:
 - ZODB doesn't scale well in terms of data volume
 - Dynamic languages don't scale well in terms of managing complexity (> 100 KLOC)
- Business reasons:
 - Java makes it much easier to work with mainstream systems integrators

Switch to Java: How?

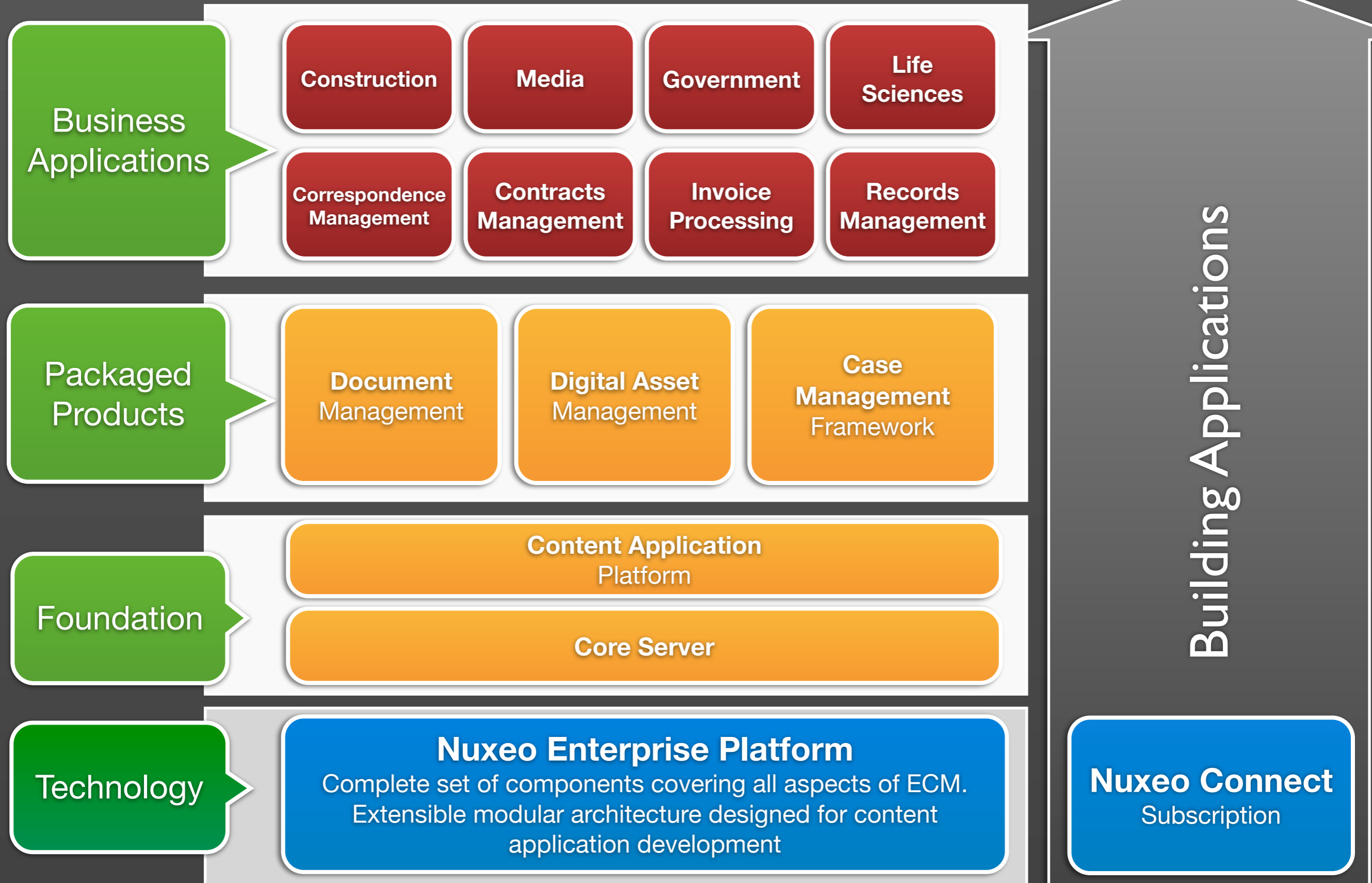
- We had to maintain, for some time, both platforms
- Couldn't announce the new platform before it was ready to be sold
- Had to hire some new Java developers with a higher failure rate as before
- 10% of our developers were too emotionally attached to Python, and left (they're still good friends though)

Products and Services

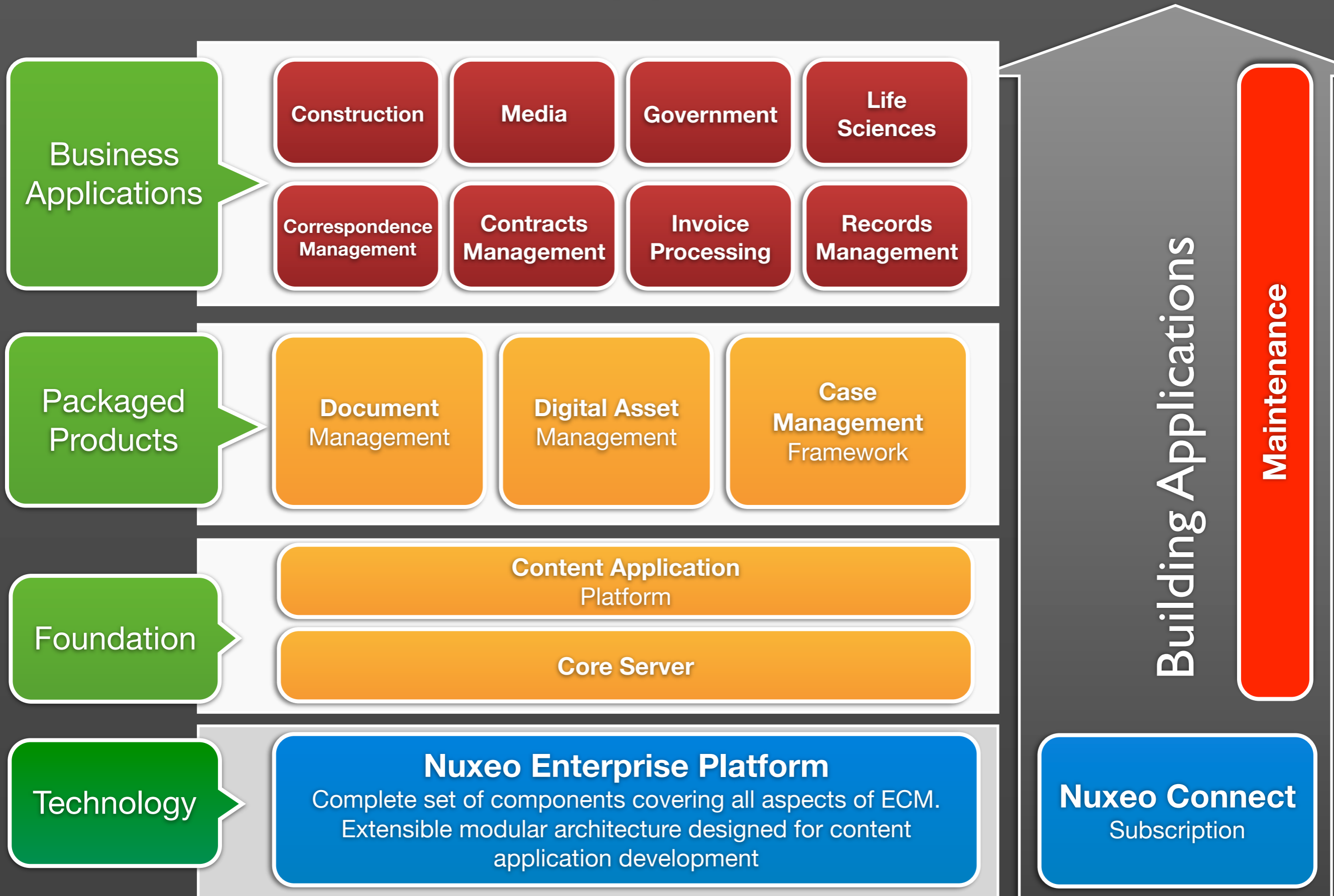
Nuxeo ECM - Our Approach



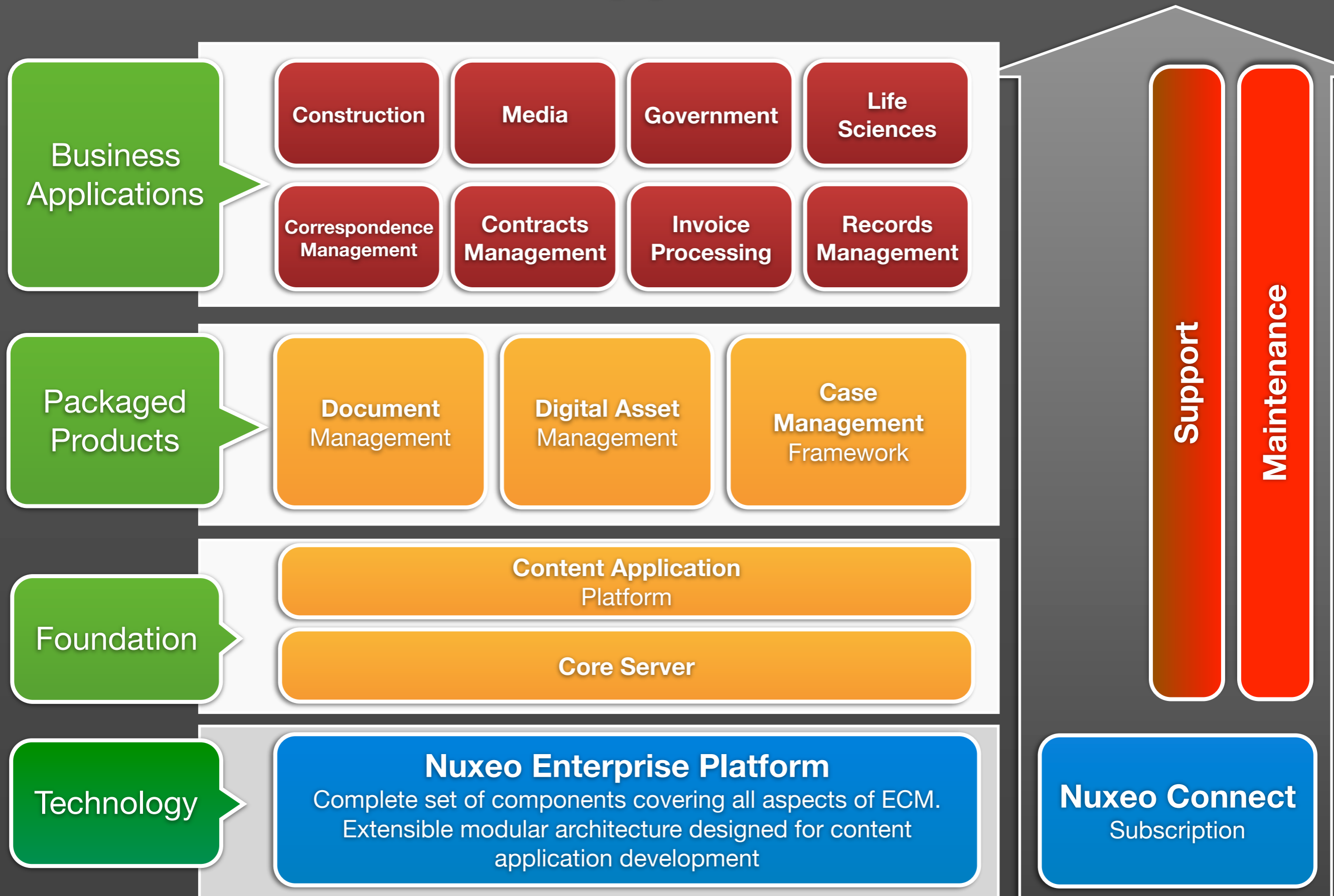
Nuxeo ECM - Our Approach



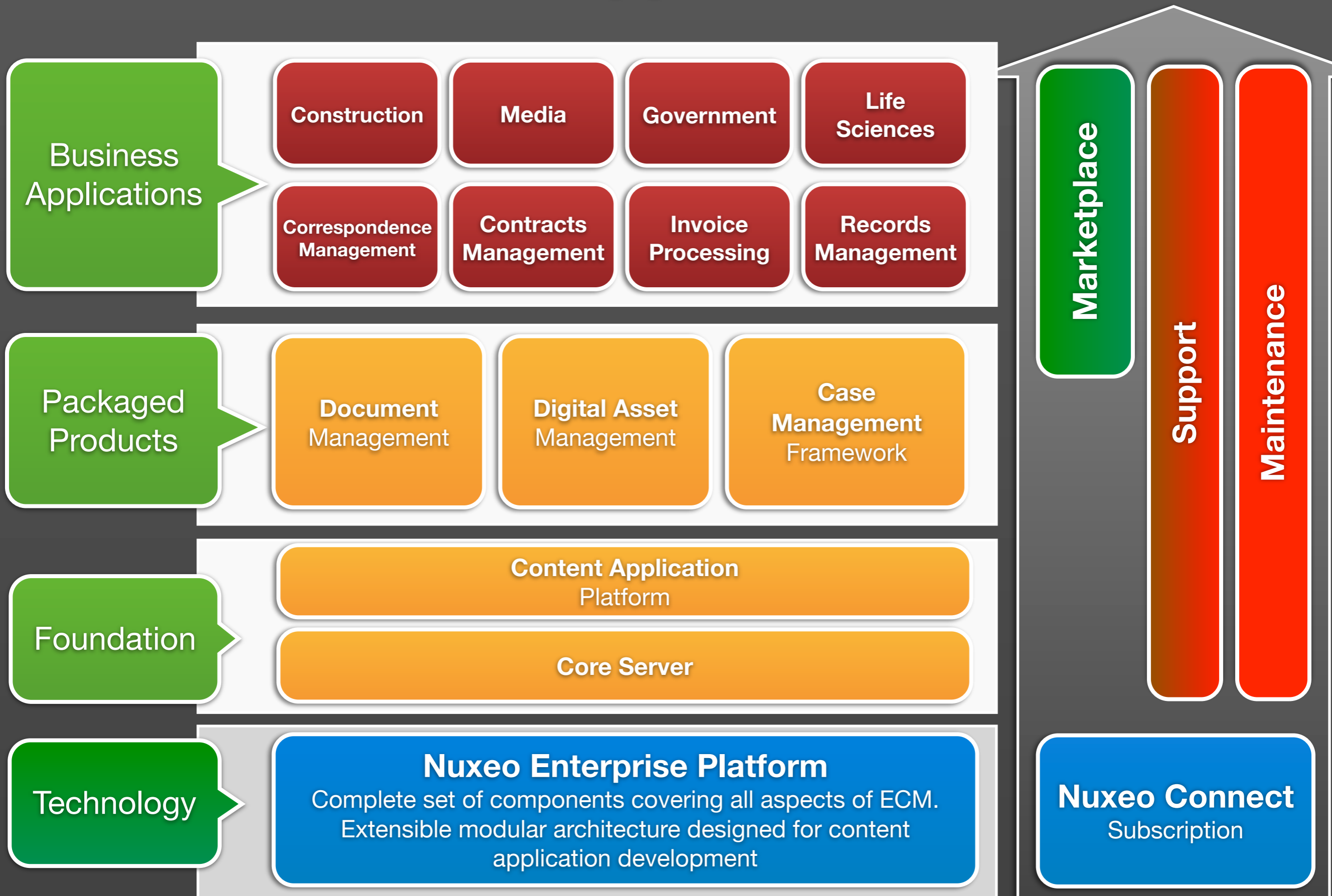
Nuxeo ECM - Our Approach



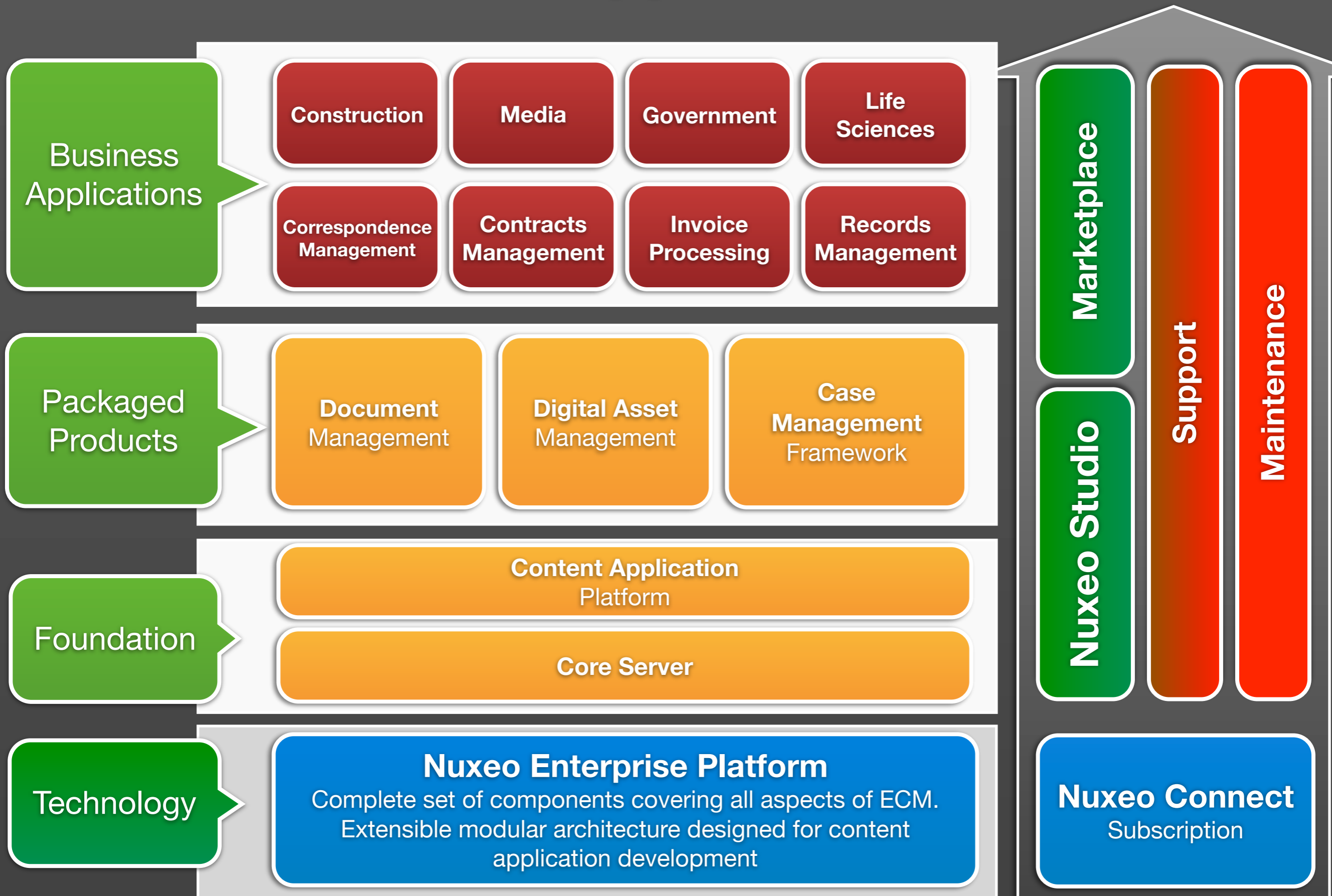
Nuxeo ECM - Our Approach



Nuxeo ECM - Our Approach



Nuxeo ECM - Our Approach



Document Management

Nuxeo 5 EP:Workspaces - Mozilla Firefox

http://127.0.0.1:8080/nuxeo/nxdoc/default/18cbe7ca-9c57-4e96-b247-f559823b808

Votre identité : Administrator | Tableau de bord | Gestion des utilisateurs | Gestion des vocabulaires | Gestion des thèmes

nuxeo • EP

Me déconnecter

Recherche

Recherche avancée

Default domain

- Sections
- Templates
- Workspaces
 - FunkLoad Test Space
 - wikis
 - WS1
 - WS2

Mes documents

Aucun document dans la sélection.

Workspaces

Workspacessee19

Contenu Modifier Méta-données Droits d'accès Habillage Corbeille

Créer un Espace de Travail

	Titre	Dernière modification	Auteur	Cycle de vie
<input type="checkbox"/>	FunkLoad Test Space	06/10/08 20:57	Administrator	En projet
<input type="checkbox"/>	wikis	03/11/08 15:40	Administrator	En projet
<input type="checkbox"/>	WS1	06/10/08 13:00	Administrator	En projet
<input type="checkbox"/>	WS2	05/11/08 17:41	Administrator	En projet

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Précédent Suivant Surligner tout Respecter la casse

Terminé

Transfert completed

DAM

nuxeo • DAM Import Administration Log out

Clear filters

Keywords
David Blaikie

Library
All documents
Office file
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Topic
Art
Human science
Society
Daily life
Technology

Coverage
Europe
Africa
North America
South America
Asia
Australia/Oceania
Antarctica

Assets Grid:

- 240497...61f3_o by David Blaikie size 233 KB
- 240497...fcb1_o by David Blaikie size 240 KB
- 241388...f5c2_o by David Blaikie size 311 KB
- 242260...57e4_o by David Blaikie size 340 KB
- 242751...578c_o by David Blaikie size 234 KB
- 261939...4a63_o by David Blaikie size 302 KB
- 262172...2d50_o by David Blaikie size 702 KB
- 270406...f8d8_o by David Blaikie size 149 KB
- 282283...3738_o by David Blaikie size 322 KB
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- 282455...0fa5_o by David Blaikie size 376 KB
- 282539...8950_o by David Blaikie size 480 KB
- 282937...b9ae_o by David Blaikie size 419 KB
- 283247...a4dd_o by David Blaikie size 353 KB
- Pencils by David Blaikie creation 11/3/09 size 354 KB

Information IP rights Export

Pencils

Main data Edit

Description	
Filename	4763565437df55.jpg
Author of assets	David Blaikie
Authoring date of assets	11/3/09
Topic	Society/
Coverage	Australia/Oceania/
Expiration date	
Size	354 KB
Height	685
Width	1024

Comments (1) Add

DOF

IPTC

Case Management

Bannette DG (IRSN) - Mozilla Firefox

File Edit View History Bookmarks Split Tools Help

http://localhost:8080/nuxeo/nxdoc/default/9988d24d-b7f6-4824-815e-eac58eddd2a2/mailbox_view?conversationId=0ND0MAING&tabId=TAB_CONTENT&subTabId= capture écran linux

Google PageRank ABC 8176 capture écran linux

Gmail - Inbox... Google Calen... Google Docs... Google Reader iGoogle Java - Google... Musique à la... Bannette DG... Chapter 5. Ev... Capture d'écr...

IRSN

Votre identité : Jacques Repussard
Se déconnecter

Recherche

Recherche simple | Recherche avancée

Bannette DG (IRSN) Administration

Mes bannettes

REPUSSARD Jacques (IRSN/DG)
DG (IRSN)
IRSN

Mes plans de classements

Req. DG (IRSN)

Req. DG (IRSN)

Liens rapides

Tableau de bord
Assistance
Aide en ligne

Ma sélection

Aucun document dans la sélection.

Réception Courriers Unifié Emission Courriers sortants émis

T. De	Objet	A	Emetteur(s)	Référence expéditeur	Reçu le
A Cellule courrier	Changement de tarif pour les frais de transport.	marc-berdah	Erwin Van den Bogaert, PerkinElmer S.A.S.	?	26/11/08 17:11
A Cellule courrier	Accusé réception de la commande n° M2011006141.	jean-luc-pasquier	Ophélie HOORNAERT OSYRIS INDUSTRIEL	M2011006141	26/11/08 17:10
A Cellule courrier	Achat de licences pour l'IRSN/DPA/DIR suivant le devis DWSC/14288 du 02/10/08.	marc-berdah	? CS SI	REFERENCE COMMANDE : M08 F 11035758	26/11/08 17:10
A Cellule courrier	Le présent marché a pour objet de définir les conditions selon lesquelles l'IRSN confie au Titulaire, qui accepte, la réalisation de l'optimisation de la régulation des débits brèches sur la pression enceinte et l'optimisation du module CPA par OPEN WP.	marc-berdah	Madame Arnelie FOURCOT CS COMMUNICATION SYSTEMES	21004867	26/11/08 17:09
A Cellule courrier	Règlement de compte au 31/10/08.	marc-berdah	FARNELL	736801	26/11/08 17:09
A Cellule courrier	Démantèlement du réacteur PHÉBUS.	marc-berdah	Jacques REPUSSARD IRSN/SS	IRSN/DIR/2008-648	26/11/08 17:09
A Cellule courrier	Forum des métiers en sciences et techniques du nucléaire.	IRSN/DG	Laurent TURPIN CEA/SACLAY	INSTN/IB 153-06	26/11/08 15:22
A Cellule courrier	Modalités et critères de déclaration des événements significatifs impliquant la radioprotection pour les installations nucléaires de base	IRSN/DG	L'ingénieur des mines chargé de la 4ème sous-direction - M. Marc STOLTZ DGSN/PARIS	DEF-SD4-0677-2006	26/11/08 15:22
A Cellule courrier	Budget de référence 2007 de l'accord CEA EDF IRSN	IRSN/DG	DIRECTEUR ADJOINT - M. Patrick ARONDEL CEA/SACLAY - DIRECTION DU SOUTIEN NUCLÉAIRE INDUSTRIEL	CENDEN/OSN/DIR DO 79	26/11/08 15:22
A Cellule courrier	Note répondant à une demande faite en décembre 2007 concernant la "Valorisation du code SYLVIA".	IRSN/DG	Michel BOUVET IRSN/DSRE	DSRE/DIR/2008 - 103	26/11/08 15:22
A Cellule courrier	Our difficulty in participating in Source Term Program.	IRSN/DG	President - M. Hideo Nariai	Contrôle n°2345878	26/11/08 15:22
A Cellule courrier	Forum des métiers en sciences et techniques du nucléaire.	IRSN/DG	M. Laurent TURPIN CEA/SACLAY/CEA/SACLAY-INSTN	INSTN/IB 153-06	26/11/08 15:22
A Cellule courrier	Chef du Projet	IRSN/DG	Adjoint au directeur - M. LEFEBVRE CEA/SACLAY	CENDEN/OGES/IRH DO 300	26/11/08 15:22
A Cellule courrier	Invitation a meeting of the ASAT Advisory Board in the second half of March 2006.	IRSN/DG	M. EL-SHANAWANY IAEA	DEF-SD4-0677-2006	26/11/08 15:22
A Cellule courrier	Participants pour le CFS 2006.	IRSN/DG	Administrateur Général Adjoint - M. Jean Pierre LE ROUX CEA/PARIS	DGSN/SD30358/2006	26/11/08 15:22
A Cellule courrier	Projet de décret relatif aux enquêtes techniques sur les accidents ou les incidents concernant une activité nucléaire.	IRSN/DG	J. L. CHAUME Ministre de l'Economie	DEF-SD4 - 0968 - 2006	26/11/08 15:22
A Cellule courrier	Méthodologies d'assainissement complet acceptables.	IRSN/DG	M. Jean Luc LACHAUME DGSN/FAR	DGSN/SD30358/2006	26/11/08 15:22

Done

Open Notebook

12:57 28 Nov 2008

Bannette DG Buddy List Thierry Delprat Java - nuxeo-pl luke emacs22-gtk@

Ixeo Open Source ECM

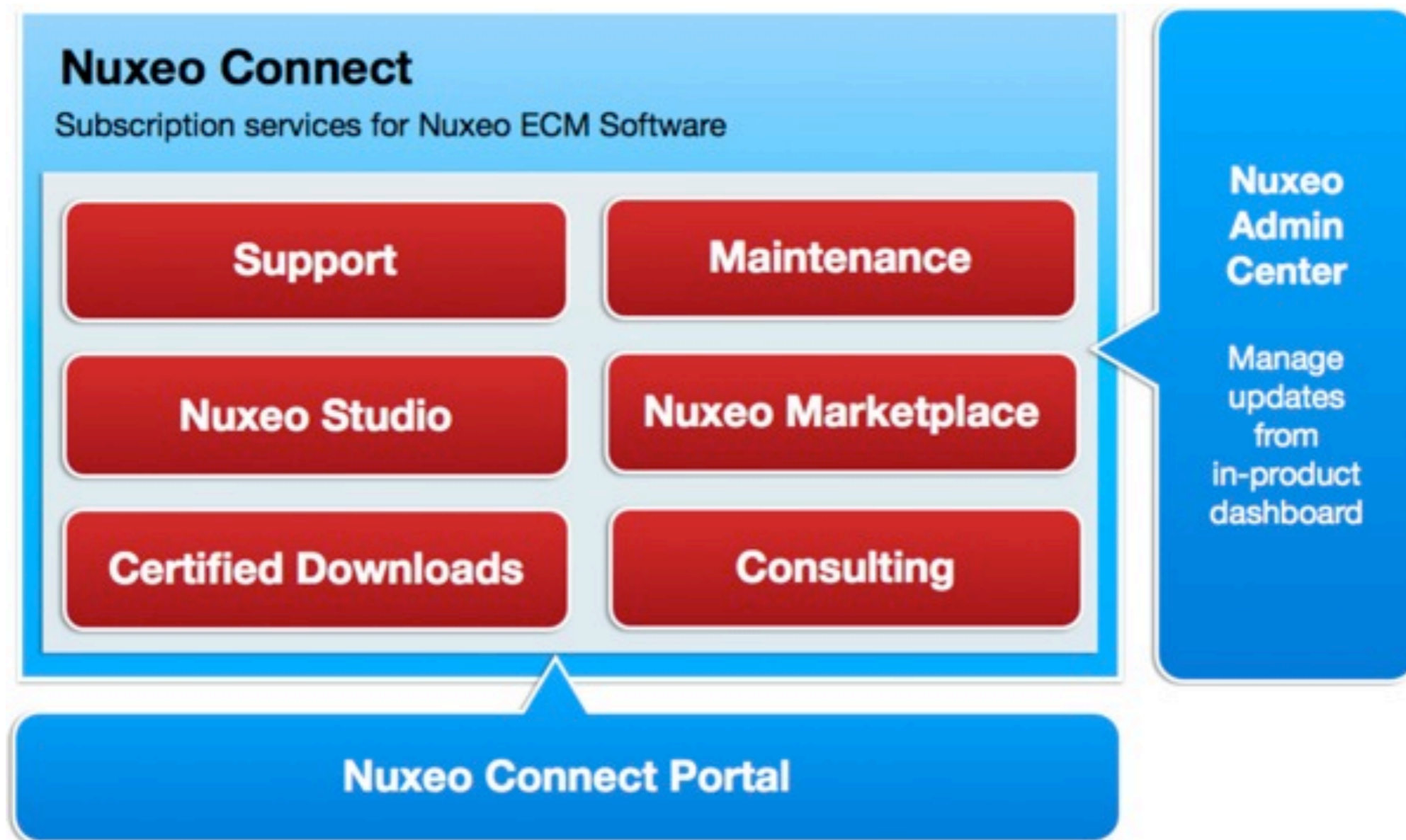
Web Sites



A Few Numbers

- Nuxeo EP+DM is a 400 KLOC Java project
- Comprises ~190 independent modules (JARs)
- Developed over the last 4 1/2 years by a core team of 20 developers and 50 community contributors
- Has generated ~20 MEUR of revenue for Nuxeo, ~50 MEUR for partners

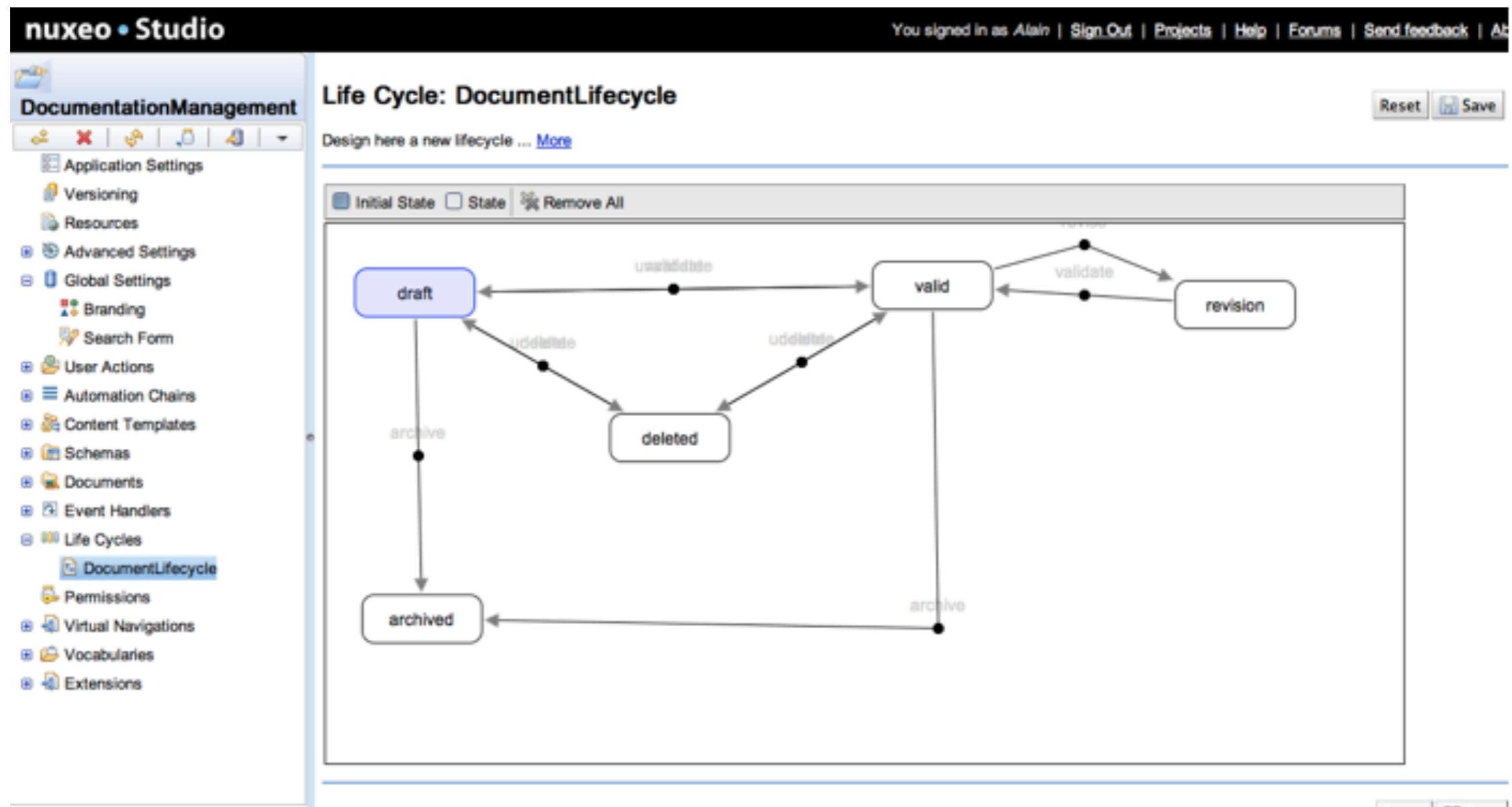
Our Service Offer



Three SLA levels

Nuxeo Connect – Operations	Silver	Gold	Platinum
Hours	Business hours	Business hours	24/7
Contacts	1	2	5
Critical Bug Fixing	Unlimited	Unlimited	Unlimited
Major Bug Fixing	No	Unlimited	Unlimited
Questions	Unlimited	Unlimited	Unlimited
Custom Release	No	No	Yes
Critical Bug Fixing Time	3 business days	1 business day	4 business hours
Major Bug Fixing Time	No	5 business days	1 business day
Response Time for Questions	2 business days	1 business day	4 business hours

Nuxeo Studio



Business Constraints and Requirements

Business Vision

- Address the full ECM scope
 - Initial focus on Document Management
 - Architecture must be extensible and modular
- Enable and sustain the Ecosystem
 - Easy to work with, designed for participation

Business Vision

- Low barrier of entry for:
 - End-users (e.g. pleasant UI)
 - Developers (e.g. clean model and API, leverage existing knowledge)
 - Sysadmins / operations
- “Enterprise-class” software
 - 10 000s of users, millions of documents

Our Original Roadmap

- Don't reinvent the wheel
 - Leverage existing standards, work on a few emerging ones (ex: JCR2, CMIS)
 - Build on proven open source libraries (JBoss, Apache, Sun, Eclipse)
- Use a robust software engineering process
 - Make it transparent for our community

Technical Challenges

Business Goals

- First, create a **MVP** (minimal viable product) to ensure company sustainability
- Base it on a clean, **extensible** architecture
- With the end goal of enabling the creation of a rich **ecosystem** of extensions and application profiles

The Strongest Requirement

- Applications (horizontal, vertical or custom) must be buildable just by **assembling components** (packaged as Java JARs)
- Architecture must allow behavior modification at the repository level (e.g. new document type), at the UI level (e.g. new actions), and at the service level (e.g. adding new services) **without recompilation**

Standards Choice

- Switch to Java was motivated by the desire to be more “standards-compliant”
- But the problem with standards, is that there are too many to choose from!
- Old vs. new or emerging
- Open standards vs. de facto standards
- Overlapping standards (hardest issue!)

Initial Standards

- Java EE 5, as the structuring general framework for the server-based application (but not for the core services)
- OSGi, as a packaging model for components
- The JCR (Java Content Repository), as the model API to manage content and metadata at the most basic level
- JBoss Seam (not really a standard, actually)

Notes

- Java EE 5 was really new and still “wet” at the time
- Seam was not a standard, but its concepts eventually merged into one (JCDI)
- In 2006 OSGi had credibility in the embedded and rich client spaces, not yet on the server
- We dropped JCR support in 2010

Open Source Libraries

- The Open Source Java ecosystem started to grow in the late 90s (Apache) and had a huge boost in the early 00s (Eclipse, JBoss, OW2, etc.)
- Like with standards, there are usually many OSS implementations to choose from
- FYI: Nuxeo EP now embeds more than 200 external open source libraries!

Choosing an OSS Library

- License compatibility with the LGPL (this excludes proprietary and GPL licenses)
- Compliance to a chosen standard
- Quality, as witnessed by visual inspection of the source code
- Confidence in the development process (e.g. are there unit tests?) and the community behind the project

Benefits and Challenges of Using OSS Libraries

- With OSS, it's easier to evaluate options
- Forking a library is sometimes the only way to fix a bug or add a missing functionality
- But it comes with a tremendous price because now you have to maintain your own branch
- Becoming a contributor is also sometimes needed, but comes at a price too
- Risk of “JAR hell” (conflicting libraries reqs)

Architectural Solutions

Architectural Solutions

- Layered architecture
- High-level APIs
- Component system
- Extension points

Layer Cake

Nuxeo EP Architecture

Nuxeo UI Frameworks

Flexible choice of interfaces

Nuxeo ECM Services

Modular set of content services

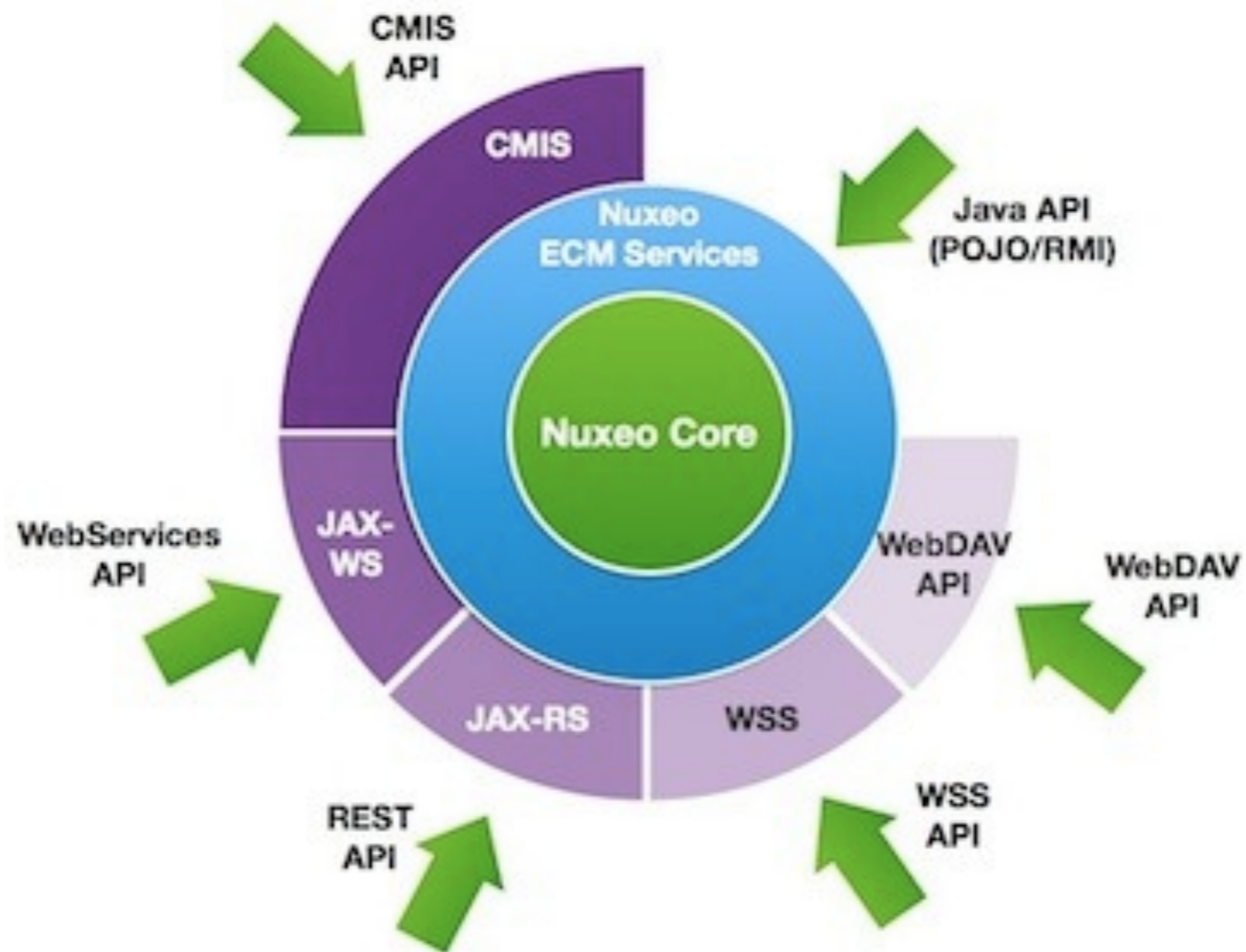
Nuxeo Core

Advanced content repository

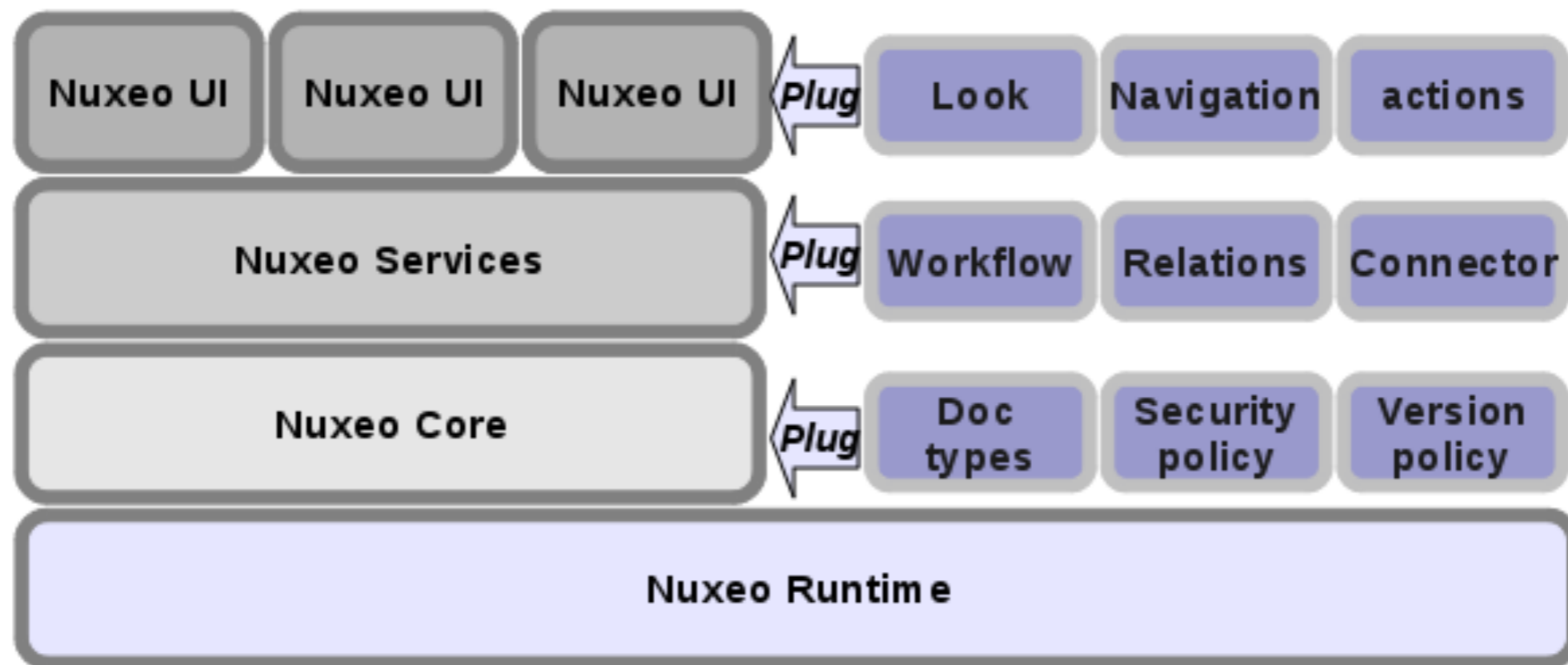
Nuxeo Runtime

Component and service model

APIs



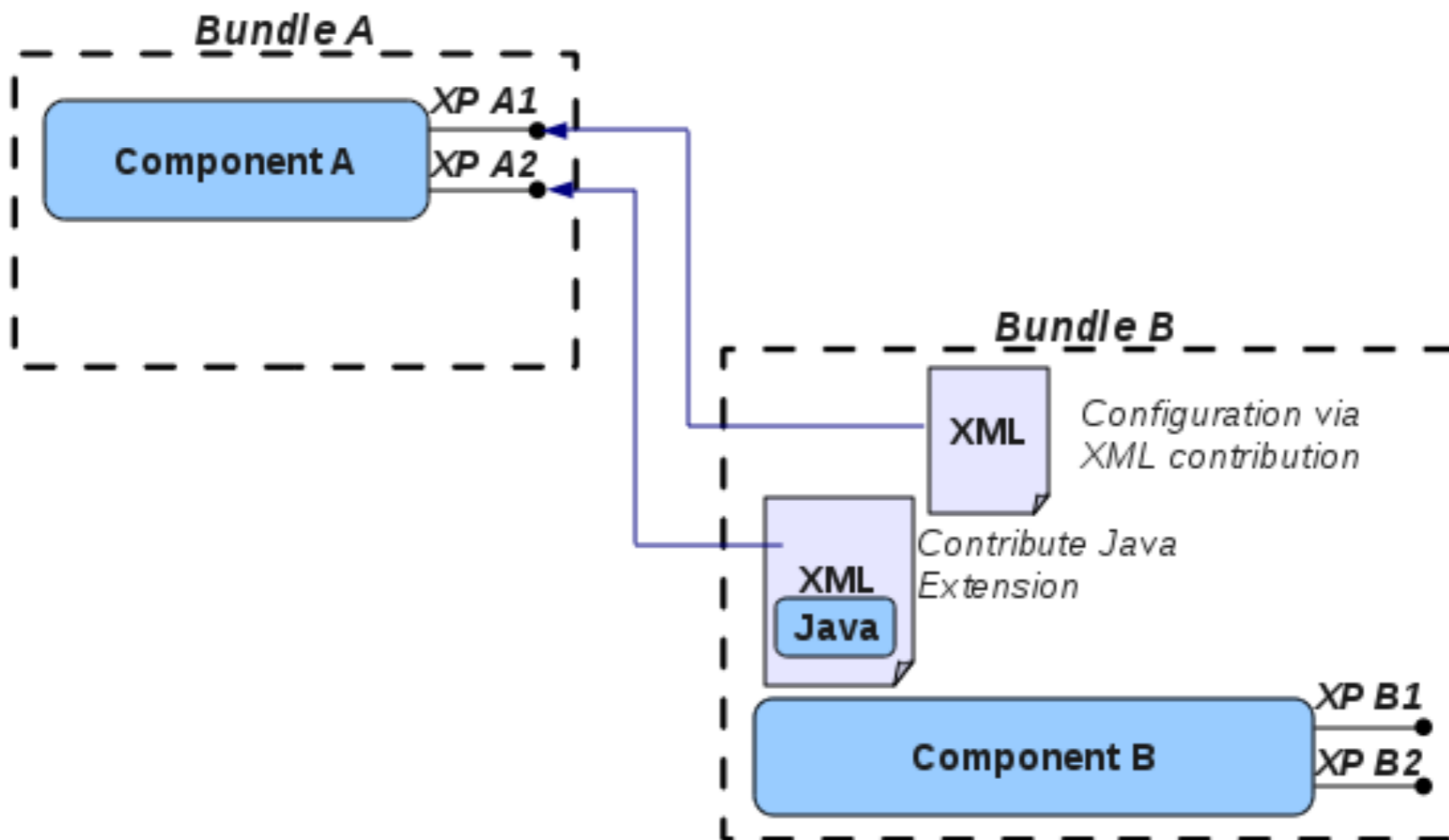
Everything Pluggable



Plugins and Extension Points

- Inspired by the Eclipse architecture
- Eclipse = a core runtime engine + a set of plugins
- Plugin: the smallest extensible unit to contribute additional functions to the system
- Extension points: boundaries between plug-ins
- A plugin (bundle) can contribute either configuration (pure XML contribution) or code (XML + Java)

Plugins and Extension Points



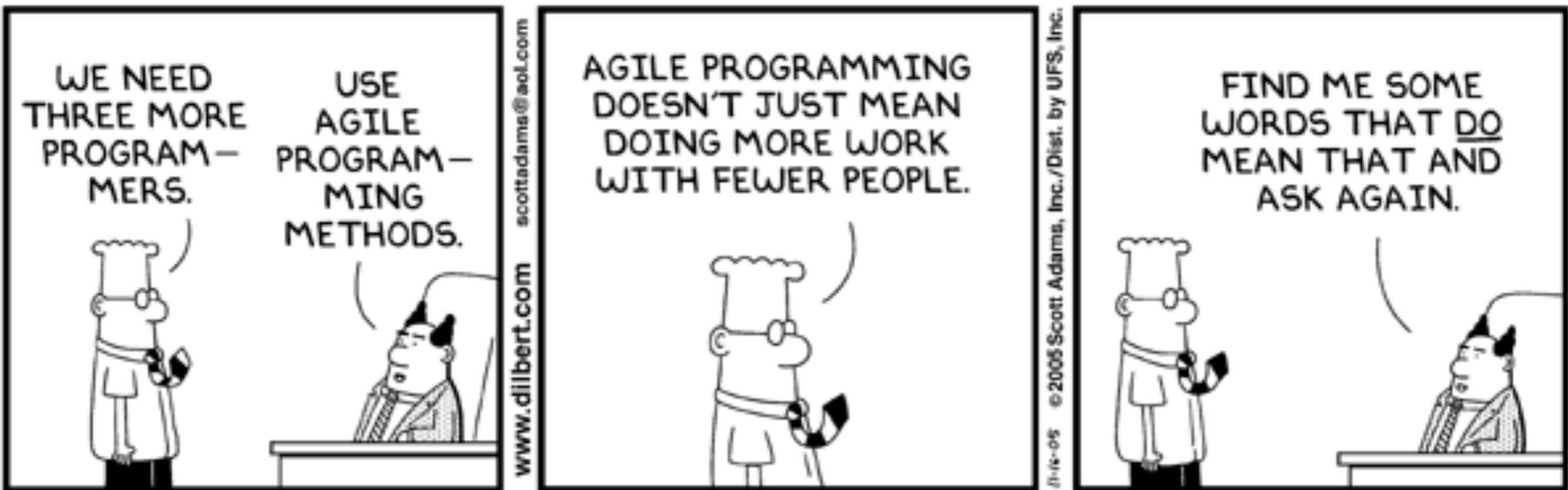
Note

- This “core + extensions” pattern is very common in successful open source projects
 - Linux kernel + drivers (modules)
 - Firefox + plugins
 - Emacs + Emacs LISP macros
- It's a key to enabling an architecture of participation

Lessons Learned

- Allow users of our platform to extend it without touching its source code
- Or, even better, without writing code at all!
- Keep your options open, but don't over-engineer flexibility

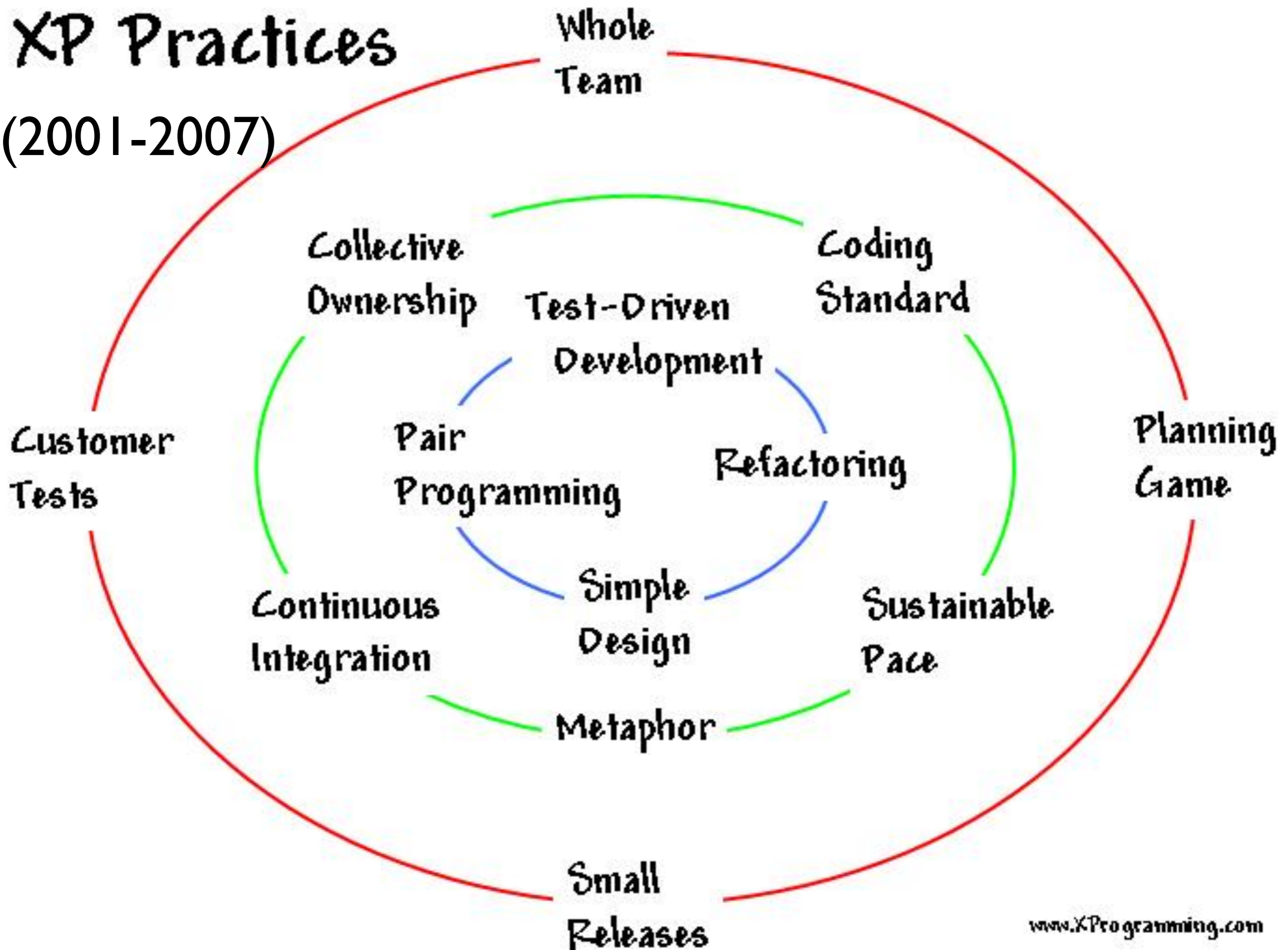
Process



© Scott Adams, Inc./Dist. by UFS, Inc.

XP Practices

(2001-2007)



www.XProgramming.com



www.dilbert.com scottadams@aol.com



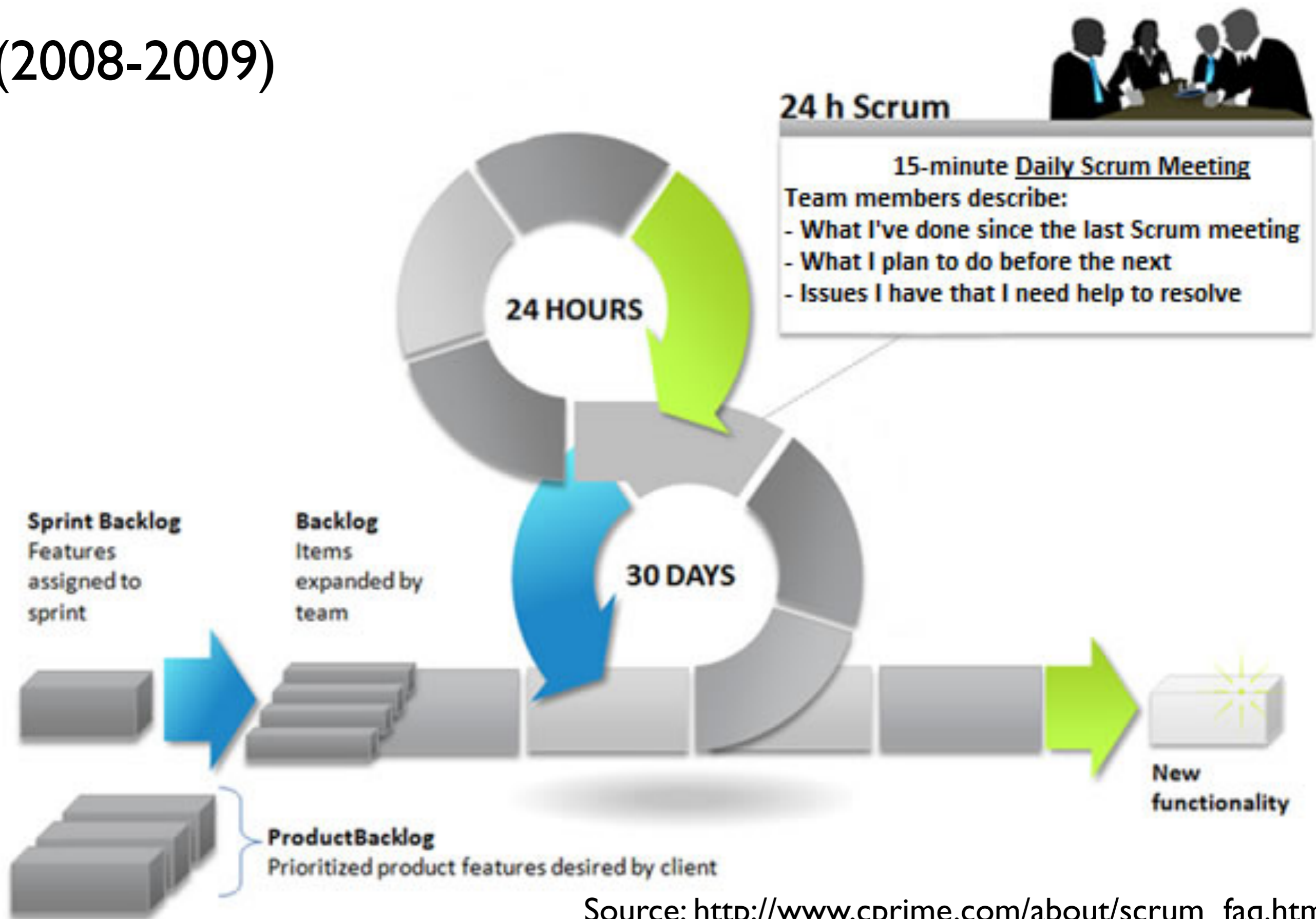
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SCRUM PROCESS

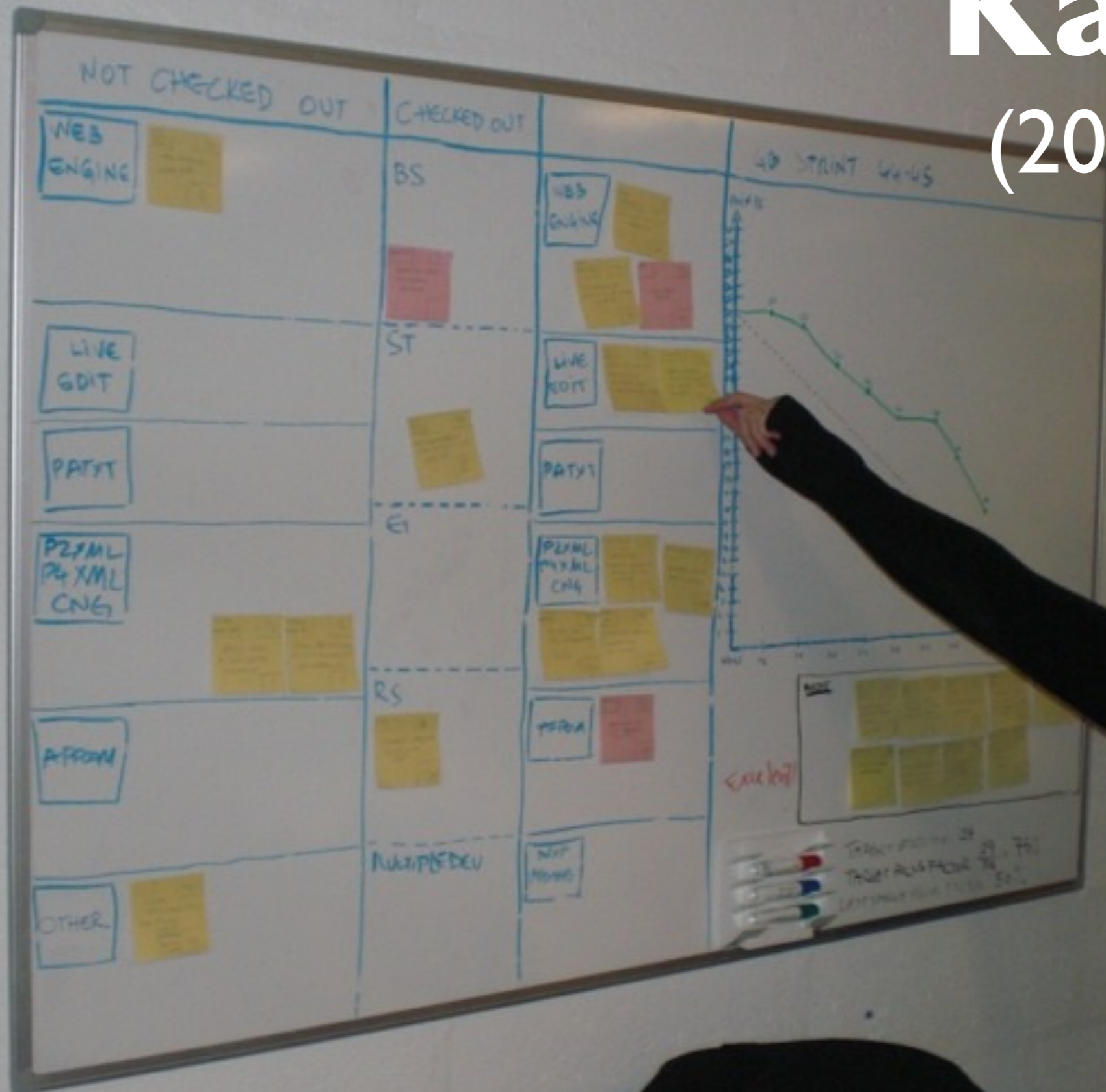
(2008-2009)



Source: http://www.cprime.com/about/scrum_faq.html

Kanban

(2010-2011)



Community Engagement

Goals

- Must enable the participation of third party **contributors** (partners, community)
- Must improve synchronization between **custom** developments and **F/OSS** projects
- Must complement **internal focussed** agile development processes with **scalable outbound** communication and practices

“Every successful open source project I know uses **PRIM**. Every closed source project I know, doesn't. People wonder how open source projects manage to create high-quality products without managers or accountability. The answer: we're accountable to our infrastructure. **PRIM is the open source secret sauce.**”

Ted Husted <http://jroller.com/TedHusted/entry/prim>

P = Portal



Welcome to the Nuxeo Community!

Nuxeo is an **Open Source Platform** for **Enterprise Content Management** enabling architects and developers to build, deploy and run the best **content-driven applications** in an **easy way**.

Nuxeo applications can be configured with no programming experience, and extended using **standard Java EE** technologies.

Recent Community Activity

- [Re: Help for newbie / Aide pour debutant](#)
New reply on the forum, by [C3-PRO](#) about 1 hour ago
- [Navigation to specific page](#)
New thread on the forum, by [jazzant](#) about 7 hours ago

Nuxeo Documentation Center Home

Added by Stefane Fermigier, last edited by Florent Guillaume on Feb 09, 2011 (view change)

Welcome to the Nuxeo Documentation Center, Nuxeo from A to Z

About Nuxeo: Nuxeo is the open source Enterprise Content Management (ECM) software company that offers a complete range of content-oriented applications.

Extensible, configurable and modular, **Nuxeo Enterprise Platform (EP)** is the foundation of the Nuxeo product family. Composed of **Nuxeo Document Management (DM)** for content management, **Nuxeo Digital Asset Management (DAM)** for rich media content management (including images, audio, and video), and **Nuxeo Case Management Framework (CMF)** for case management, the Nuxeo ECM applications can be used as-is or as a base for more specific business applications.

To help customers make the customization of their applications easier, the **Nuxeo Marketplace** provides plugins and addons, and **Nuxeo Studio**, our online customization and configuration tool, enable users to customize their application in a few clicks. Both services are included in **Nuxeo Connect** subscription offer.

Map to the documentation

The links below are the main entry points to the Nuxeo online documentation.

Get Started

Join the Conversation

- 1436 subscribers**
Subscribe via RSS
- 682 followers**
Follow @nuxeo on Twitter
- 502 members**
Join the Nuxeo group on LinkedIn

Download Nuxeo Software

- nuxeo • DM - Document Management**
- nuxeo • DAM - Digital Asset Management**

Planet Nuxeo

News from the Open Source ECM trenches

February 22, 2010

[Stefane Fermigier's Nuxeo Blog](#)

Meet us at Solutions Linux in March, too

Solutions Linux is the oldest and biggest trade show in France dedicated to the open source ecosystem. It's been happening every year in Paris since 1999 (it was called "Linux Expo", back then).

This year, **Solutions Linux** is happening at exactly the same time as **DocuSummit** and **OSBC**, and we're spread thin between all these exciting events, but some of us will be hanging around **Solutions Linux**:

- Olivier Grisel will give a presentation on "Large Scale data crunching with Hadoop MapReduce et Clojure" during the conferences' "developer track"
- I will co-chair the same **developer track**
- I will also take part in a **roundtable** on how the public and private sectors can work together to develop better software and content for the education system

Want to book an appointment with me during **Solutions Linux**? Drop me a mail: sf@nuxeo.com.

by [Stefane Fermigier](#) at February 22, 2010 06:59 PM

February 19, 2010

[Cheryl's Nuxeo Blog](#)

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- [Eric's Nuxeo Blog](#)
- [Nuxeo Developers Blog](#)
- [Nuxeo Lounge](#)
- [Stefane Fermigier's Nuxeo Blog](#)

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February 25, 2010 01:40 PM
All times are UTC.

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- [Nuxeo on the Road \(and On the Web\)](#)
- [Stefane Fermigier's Nuxeo Blog: Preliminary Nuxeo EP roadmap for 2010](#)
- [Cheryl's Nuxeo Blog: Nuxeo DAM - First CMS-enabled Digital Asset Management - We're Launched!](#)

About Us

We're the friendly employees of Nuxeo, a leading open source software vendor, which develops a complete Enterprise Content Management (ECM) software platform to help companies better produce, process, publish, archive, expose and find their information from digital assets to transactional documents.

- » Follow us [@nuxeo](#) (Twitter)
- » Connect on [LinkedIn](#)
- » Visit [Nuxeo.com](#)

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DISCOVER OUR PRODUCTS

Open Source ECM

R = Repository

Repositories list

Name	Description	Contact	Last change	zip	RSS	Atom
addons	Nuxeo Addons	Florent Guillaume <fg@nuxeo.com>	2 weeks ago	1	1	1
addons/nuxeo-core-folder-versioning	Nuxeo Core Folder Versioning	Florent Guillaume <fg@nuxeo.com>	12 months ago	1	1	1
addons/nuxeo-correspondence-marianne	Nuxeo Correspondance Mariane					
addons/nuxeo-features-page-layout	Nuxeo Features Page Layout					
addons/nuxeo-generic-wss-handler	Nuxeo Generic WSS Handler					
addons/nuxeo-http-client	Nuxeo HTTP Client					
addons/nuxeo-platform-annotations	Nuxeo Platform Annotation service addon					
addons/nuxeo-platform-archive	Nuxeo Platform Archive service addon					
addons/nuxeo-platform-archive-importer	Nuxeo Platform Archive Importer plugin					
addons/nuxeo-platform-audio	Nuxeo Platform Audio Addon					
addons/nuxeo-platform-audit-web-access	Nuxeo Platform Audit Web Access					
addons/nuxeo-platform-categorization	Nuxeo Automated Document Categorization: framework and service					
addons/nuxeo-platform-categorization/nuxeo-platform-categorization-coverage	Nuxeo Automated Document Categorization: dc:coverage model					
addons/nuxeo-platform-categorization/nuxeo-platform-categorization-language	Nuxeo Automated Document Categorization: dc:language model					
addons/nuxeo-platform-categorization/nuxeo-platform-categorization-subjects	Nuxeo Automated Document Categorization: dc:subjects model					
addons/nuxeo-platform-document-categorization	Nuxeo Automated Document Categorization					
addons/nuxeo-platform-documentLink	Application Level document proxies for Nuxeo5					

Mercurial

github

SOCIAL CODING

sfermigier 11 | Dashboard | Inbox 0

Explore GitHub | Gist | Blog | Help

nuxeo (Nuxeo)

Name: Nuxeo
Email: contact@nuxeo.com
Website/Blog: <http://www.nuxeo.org/>
Location: Paris
Member Since: Oct 30, 2010

8 public repos | 14 Members

Public Repositories (8)

Filter repositories...

nuxeo-compatible-one Python 1 1

Last updated about 21 hours ago

all commits | commits by owner 52 week participation

FunkLoad Python 16 3

Functional and load testing framework for web applications, written in Python

Last updated 1 day ago

Organization Members (14)

akervern (Amaud Kervern)
0 public repos, 1 followers

atchertchian
0 public repos, 0 followers

bdelbosc (Delbosc Benoit)
0 public repos, 0 followers

bjalon (Benjamin JALON)
1 public repos, 3 followers

ebarroca (Eric Barroca)
0 public repos, 0 followers

NUXEO

Open Source ECM

I = Issue Tracker

The screenshot displays the Nuxeo Open Source ECM Issue Tracker interface. The top navigation bar includes links for HOME, BROWSE PROJECT, FIND ISSUES, CREATE NEW ISSUE, ADMINISTRATION, and a QUICK SEARCH field. The main content area is titled 'All Projects : Nuxeo Enterprise Platform (Key: NXP)'. It features a sidebar with project lead information (Thierry Delprat) and a list of links to create issues, administer the project, and view release notes. The main area is divided into two sections: 'Components' and 'Versions'. The 'Components' section lists various components with their respective issue counts, while the 'Versions' section lists versions with their issue counts. On the right, there are sections for 'Reports' (listing various reports like 'Recently Created Issues Report'), 'Preset Filters' (listing filters like 'All', 'Outstanding'), and 'Project Summary' (showing issue counts and percentages for different states like 'Open', 'In Progress', 'Resolved').

nuxeo • Open Source ECM

Stéphane Fermigier Filters Log Out

HOME BROWSE PROJECT FIND ISSUES CREATE NEW ISSUE ADMINISTRATION QUICK SEARCH:

All Projects : Nuxeo Enterprise Platform (Key: NXP)

Project Lead: [Thierry Delprat](#)
URL: <http://www.nuxeo.org/>

☐ [Create a new issue in project Nuxeo Enterprise Platform](#)
☐ [Administer Project](#)
☐ [Release Notes](#)

Select: **Open Issues** [Road Map](#) [Change Log](#) [Popular Issues](#) [Labels](#) [Versions](#) [Components](#)

Components	Issues	Versions	Issues
Audit	5	5.1.7	28
Comments	3	5.2 GA SP1	1
Core	18	5.2.1.0	2
Core JCR Storage	3	5.3 GA	3
Core SQL Storage	19	5.3.1	63
Desktop Integration	4	5.3.2	2
Directory	9	5.3.x	206
Flex	3	6.0	5
Installers / Admin tools	27	Unscheduled	334
Notifications	2		
Packaging	5		
Relation Engine	1		
Runtime	7		
Search / Query	9		
Security	7		
Tagging	3		
Transforms	4		
Web Foundations	7		
Web UI	25		

Reports

- [Recently Created Issues Report](#)
- [Created vs Resolved Issues Report](#)
- [Resolution Time Report](#)
- [Average Age Report](#)
- [Pie Chart Report](#)
- [SUPNXP issues over time](#)
- [SUPNXP issues by projects](#)
- [User Workload Report](#)
- [Version Workload Report](#)
- [Time Tracking Report](#)
- [Single Level Group By Report](#)

Preset Filters

- [All](#)
- [Outstanding](#)
- [Unscheduled](#)
- [Assigned to me](#)
- [Reported by me](#)
- [Resolved recently](#)
- [Added recently](#)
- [Updated recently](#)
- [Most important](#)

Project Summary

- [Open](#) 186 | 4%
- [In Progress](#) 11 |
- [Reopened](#) 12 |
- [Resolved](#) 2783 | 61%
- [Closed](#) 1153 | 25%
- [Triage](#) 427 | 9%

Open Issues

By Priority

- [Blocker](#) 6 | 1%
- [Critical](#) 20 | 3%

M = Mailing List (+ foruM)

The collage consists of three screenshots:

- Top Left:** A screenshot of a Mac Mailbox interface. The search bar shows 'ecm' and '10431 Found'. The mailbox list on the left includes 'Inbox', 'Google...', 'Perso', 'Drafts', 'Sent', 'Trash', 'REMEMINDERS', 'SMART MAILBOXES', 'ON MY MAC', and 'PERSON'. The main pane shows a list of emails from 'jiveforums-ecm...' with subjects like 'Re: [Ecm] LAN Web Access' and 'Re: [Ecm] How can I configure a mul...'. The bottom pane shows a list of 'MAIL ACTIVITY'.
- Top Right:** A screenshot of the 'Nuxeo mailing list archives' for February 2010. It lists various discussion topics such as 'Templates with predefined workflows for documents', 'recursive delete part2', 'tree navigation', 'Migration de 5.1.4 vers 5.3', 'Nuxeo and WebDev', 'Nuxeo DM 5.3.0', 'looking for Nuxeo DM tomcat + Oracle 10g configuration', and 'Nuxeo can be integrated in liferay'. It also includes a 'Download Nuxeo-DM' button and a 'Discover our products' button.
- Bottom:** A screenshot of the 'Nuxeo THE COMMUNITY' forum page. The page title is 'Forum: General Discussions'. It shows a list of threads with columns for 'Thread', 'Author', 'Views', 'Replies', and 'Last Post'. The selected thread is 'Automatic prefix to document names' by Sean Radford, dated 2010-02-24 21:36:46 GMT. The thread content discusses the requirement to automatically prefix the usual generated document name with an additional code, such as 'my-test-document' becoming 'XYZ123-my-test-document'. The thread also includes a 'Search Forum' box and a 'Top Users in Forum' list.

Open Innovation Collaborative R&D Projects

- EDOS: software quality in open source projects
- SCRIBO and IKS: semantic technologies
- Compatible One: cloud computing
- Easy SOA:
- DORM: development tools

Development Tools

Tools

- Mercurial (distributed SCM), now Git
- Maven (Dependency management, build, packaging, releasing)
- ~~Hudson~~ Jenkins (Continuous integration)
- Jira (Bug / task tracking, Scrum iteration backlogs)

TDD and CI

Hudson search ? ENABLE AUTO R

Hudson

[People](#)
[Build History](#)
[Project Relationship](#)
[Check File Fingerprint](#)
[Leader board](#)
[Claim Report](#)

Build Queue
 No builds in the queue.

Build Executor Status

#	Master
1	Idle
2	Idle
albany	
1	Idle
amour	
1	Building nuxeo-docs-nightly #294
chipolata	
1	Building FT-nuxeo-5.4-selenium-cap-tomcat #34
dvalinn	
1	Idle
gimli	
1	Idle
joyeux	
1	Idle
muradin	
1	Idle

All	CMIS	Desktop-Int	My Projects	NX 5.2	NX 5.2 Addons	NX 5.3	NX 5.3 Addons	NX 5.4	NX 5.4 addons	NX DAM	NX Deploymer
S	W	Job ↓	Last Success								
		FT-nuxeo-5.4-cmis	2 mo 9 days (#133)								
		FT-nuxeo-5.4-funkload-bench	17 hr (#727)								
		FT-nuxeo-5.4-funkload-rest-and-web	18 min (#1980)								
		FT-nuxeo-5.4-selenium-cap-jboss	7 hr 56 min (#432)								
		FT-nuxeo-5.4-selenium-cap-tomcat	8 hr 22 min (#33)								
		FT-nuxeo-5.4-selenium-dm-jboss	7 hr 27 min (#1815)								
		FT-nuxeo-5.4-selenium-dm-jboss_permanentCheck	1 hr 10 min (#2543)								
		FT-nuxeo-5.4-selenium-dm-tomcat	7 hr 56 min (#506)								
		FT-nuxeo-5.4-selenium-dm-tomcat_permanentCheck	4 hr 10 min (#470)								
		nuxeo-5.4	5 days 5 hr (#57)								
		nuxeo-5.4-fullbuild-daily	1 day 14 hr (#155)								
		nuxeo-5.4-fullbuild-weekly	3 days 2 hr (#53)								
		nuxeo-5.4-versions	5 days 5 hr (#26)								
		nuxeo-apoqee-2.0	2 mo 18 days (#430)								

More Tools

- IDEs (Eclipse mostly)
- Testing (JUnit, Selenium, WebDriver)
- Static code analysis (FindBugs, IDEA inspections, Checkstyle, Enerjy)
- Various profilers and debuggers

Conclusion

Key Technical Findings

- Layered approach (start with the foundations, then applications, then tools) has been working well for us
- The Nuxeo EP architecture did fit both the OSS “architecture of participation” vision and our business model and goals

(A few) Business Findings

- Of course people are your most critical asset!
 - (Good) developers are mostly motivated by interesting projects and technologies
 - Sales people are mostly motivated by money, and are the most highly risky hires
 - Community was and still is key to our growth
- You still need money to scale up marketing and mitigate hiring risks





Merci!

More Information

- www.nuxeo.com
- www.nuxeo.org
- blogs.nuxeo.com

