

LUTECE


LUTECE OVERVIEW

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OW2
con'14

FEW WORDS ABOUT THE CITY OF PARIS

- The City of Paris is **involved in Free Software** and Open Source since 2001.
 - In 2002, It released LUTECE v1.0 as Free Software with a **BSD license**. First public organization in France to open its source code.
 - In 2005, It joined the **ADULLACT** association that promote free software into government and public entities
 - In 2006 – 2007 it launched the “**Paris Capitale du Libre**” event with the Linagora company.
 - In 2008, it launched the "**Open World Forum**" event and is still today a main sponsor
 - Over 10 large business applications has been released as Free Software in 13 years.
 - In 2015, it should **join the OW2 consortium** as enterprise member.
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WHAT IS LUTECE ?

A Content Management System (CMS)

- dynamic document model, publishing workflow, search engine, newsletter, forum, ...

A Java Enterprise Portal

- IT integration, business application, authentication management

A development framework

- Core services, many API, Large set of plugins
- Code generator

A set of ready to use plugins

- Several generic plugins can be assembled to deliver complex services

A Free Software

- Open source using a BSD license
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WHO IS USING LUTECE ?

USERS

INTEGRATORS



WHO IS DEVELOPING ?

Factoids and Stats



Lutece

- Mostly written in Java
- Mature, well-established codebase
- Large, active development team
- Well-commented source code
- Stable Y-O-Y development activity
- 25 active contributors

Commit Activity Timeline:



Updated Sep 15, 2014

more at [Open HUB](#)

Commits per Month

1,000




Contributors per Month

20



KEY FEATURE #1 : MODULARITY

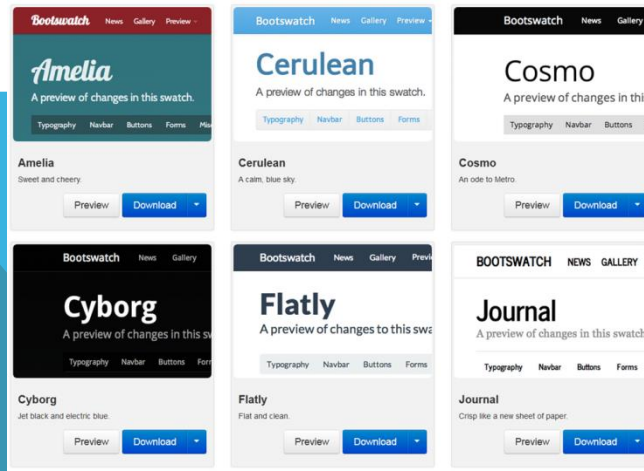
- Based on « Core-Plugins » architecture
 - Experienced during over 12 years in many different contexts of the Real World
 - Everything is « plugin » even the CMS (plugin « Document »)
 - Over 350 plugins and modules
 - Many API (35 only for the core)
 - Dependencies injection using Spring IoC
- 

KEY FEATURE #2 : FULLY RESPONSIVE DESIGN



ALL **BOOTSTRAP**

ONLY **BOOTSTRAP**

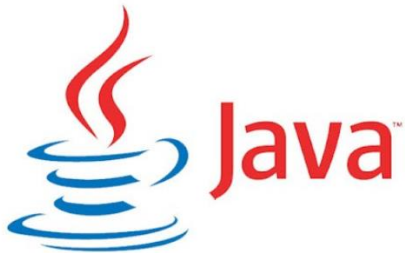


USE OF STANDARD THEMES

KEY FEATURE #3 : BUILD ARCHITECTURE

DESIGNED TO BUILD LARGE AND COMPLEX PORTAL

WITH



maven




Jenkins

One command line to build and deploy a webapp using a large set of plugins for a given target (production, dev, integration, ...):

```
mvn clean lutece:site-assembly -P dev
```


KEY FEATURE #4 : MADE BY AND FOR PUBLIC ORGANIZATIONS

- **Follows French Government recommendations and obligations :**
 - Accessibility
 - Security
 - Free Software
 - **Completely Free**
 - **Easy to share with organizations with the same needs**
- 

KEY FEATURE #5 : TECHNOLOGIC HUB

Search Engines



Authentication



Monitoring



ERP, ECM



Open data



CMIS



Machine learning



LUTECE VERSION 5.0

- IN RELEASE CANDIDATE STAGE
- BASED ON LATEST RELEASES
 - BOOTSTRAP 3.3
 - LUCENE 4.9.1
 - ...
- ALREADY AVAILABLE FOR TEST ON OUR DEMO SITE
- CODE WILL MOVE TO GITHUB

DOCUMENTATION & RESOURCES

Official Web Site

<http://fr.lutece.paris.fr>

Demo Site (Nightly builds + Data reset every 3hours)

<http://dev.lutece.paris.fr/site-demo>

Developer Site

<http://dev.lutece.paris.fr>

Wiki

<https://wiki.lutece.paris.fr/>

Meetup group

<http://www.meetup.com/Lutece/>

THANK YOU

KEEP IN TOUCH



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