

Corsi di Ingegneria del Software / Interazione Uomo - Macchina

Paolo Bottoni

DIPARTIMENTO
DI INFORMATICA



SAPIENZA
UNIVERSITÀ DI ROMA

Temi per il progetto

Esempi

- Angry Birds / Cut the Rope
- Amazon Mechanical Turk / Bugzilla
- British Library / British Museum
- Eclipse / NetBeans

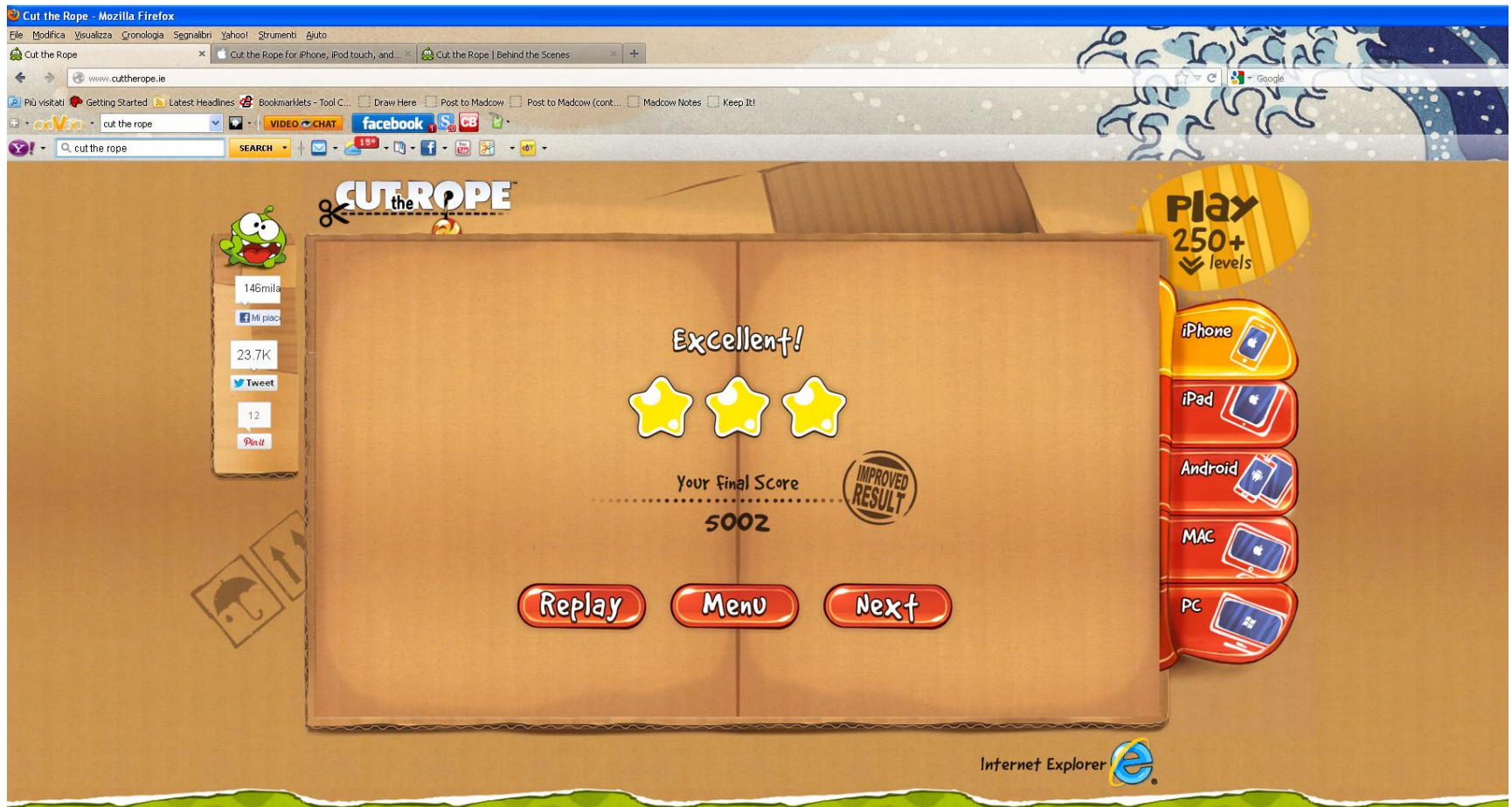
Angry Birds gestione livelli



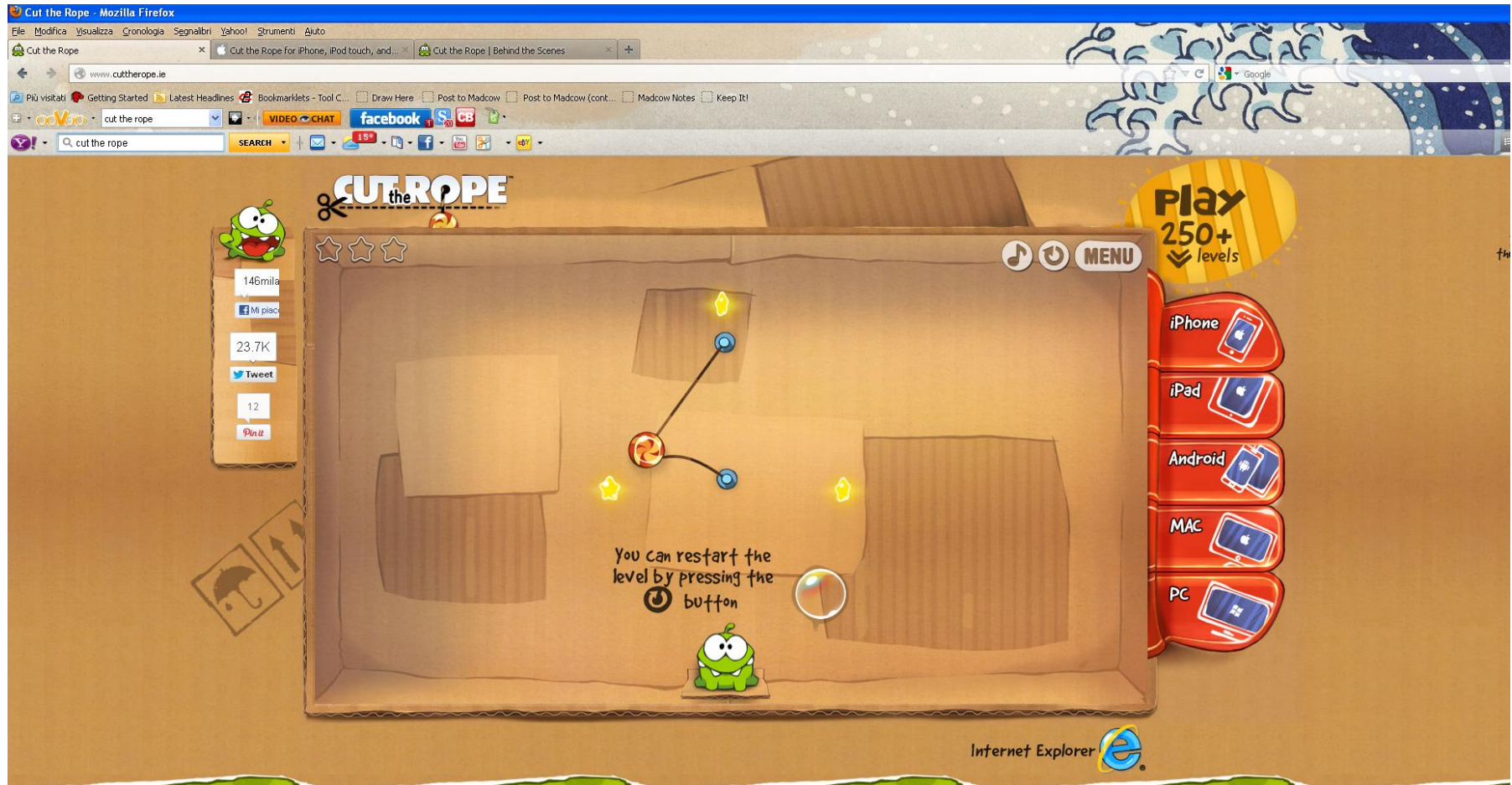
Angry Birds gestione gioco



Cut the Rope: gestione versioni



Cut the Rope: gestione gioco



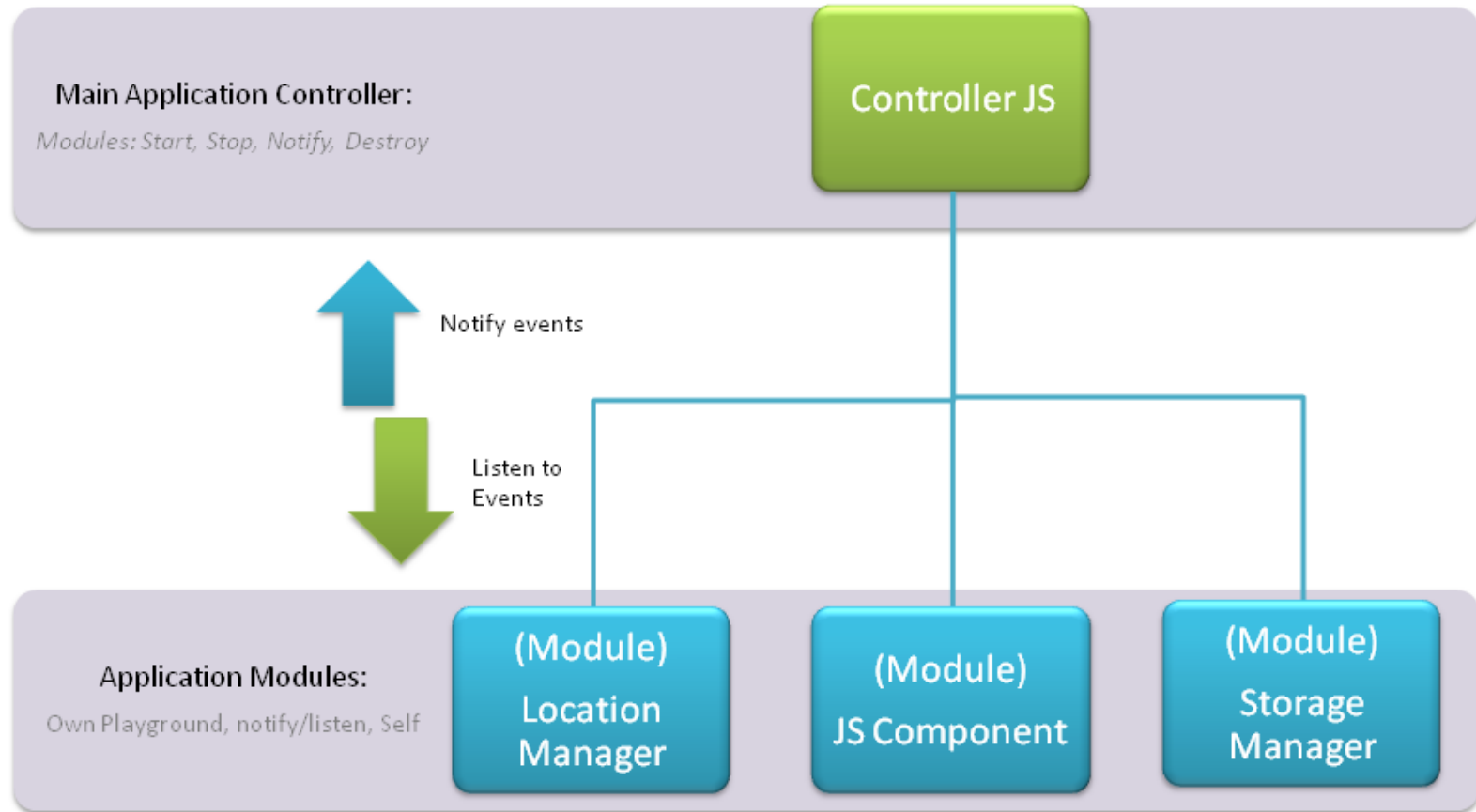
World model per Angry Birds

- Oggetti statici
 - terreno e fionda
- Oggetti dinamici
 - maiali, uccelli, blocchi, etc. ..
- Fisica simulata con Box2D
- Stati utente
 - Punteggio, uccelli disponibili, livelli giocati
 - Posizione vista, livello di zoom
 - Stato fionda

Angry Birds: architettura alto livello



Ciclo di eventi



Rendering stratificato

- Background
- Elementi dinamici: Sprites
 - Birds, blocks, pigs
 - Scie di fumo, esplosioni
- Elementi di interfaccia utente
 - Messaggi
 - Dialoghi

Problematiche

- Versione Web usa un solo thread
- Tempi di risposta
- Pre-caricamenti nascosti

Amazon Mechanical Turk: business model

The screenshot shows the Amazon Mechanical Turk homepage. At the top, there's a navigation bar with links like 'Getting Started', 'Bookmarks', 'Post to Madcow', 'Madcow Notes', 'Post to Madcow (cont....)', 'Draw Here', and social media links. The main header features the 'amazonmechanicalturk' logo and navigation tabs for 'Your Account', 'HITS', and 'Qualifications'. A secondary navigation bar includes 'Introduction', 'Dashboard', 'Status', and 'Account Settings'. The main content area has a yellow banner stating 'Mechanical Turk is a marketplace for work.' followed by a description of the platform and a link to view 269,998 available HITs. Below this, there are two columns: 'Make Money by working on HITs' for workers and 'Get Results from Mechanical Turk Workers' for requesters. Each column includes a list of benefits and a flow diagram. The worker flow is 'Find an interesting task' (represented by a gear icon) -> 'Work' (represented by a gear icon) -> 'Earn money' (represented by a dollar sign icon). The requester flow is 'Fund your account' (represented by a wallet icon) -> 'Load your tasks' (represented by a document icon) -> 'Get results' (represented by a star icon). Both flows have a 'Find HITs Now' or 'Get Started' button at the bottom. The footer contains links for 'FAQ', 'Contact Us', 'Careers at Amazon', 'Developers', 'Press', 'Policies', and 'Blog', along with copyright information and the Amazon logo.

Amazon Mechanical Turk - Welcome

https://www.mturk.com/mturk/welcome

Getting Started | Bookmarks - Tool C... | Post to Madcow | Madcow Notes | Post to Madcow (cont....) | Draw Here | https://www.google.c... | Marx+Gramsci+Brecht | Altri Preferiti

amazonmechanicalturk Artificial Intelligence

Your Account | HITS | Qualifications

Introduction | Dashboard | Status | Account Settings

Mechanical Turk is a marketplace for work.

We give businesses and developers access to an on-demand, scalable workforce. Workers select from thousands of tasks and work whenever it's convenient.

269,998 HITs available. [View them now.](#)

Make Money by working on HITs

HITs - *Human Intelligence Tasks* - are individual tasks that you work on. [Find HITs now.](#)

As a Mechanical Turk Worker you:

- Can work from home
- Choose your own work hours
- Get paid for doing good work

Find an interesting task → **Work** → **Earn money**

[Find HITs Now](#)

or [learn more about being a Worker](#)

Get Results from Mechanical Turk Workers

Ask workers to complete HITs - *Human Intelligence Tasks* - and get results using Mechanical Turk. [Register Now](#)

As a Mechanical Turk Requester you:

- Have access to a global, on-demand, 24 x 7 workforce
- Get thousands of HITs completed in minutes
- Pay only when you're satisfied with the results

Fund your account → **Load your tasks** → **Get results**

[Get Started](#)

FAQ | Contact Us | Careers at Amazon | Developers | Press | Policies | Blog

©2005-2012 Amazon.com, Inc. or its Affiliates

An **amazon.com** company

Amazon Mechanical Turk: gestione lavori

The screenshot shows the Amazon Mechanical Turk interface. At the top, there's a navigation bar with links for 'Your Account', 'HITS', and 'Qualifications'. The 'HITS' tab is selected, showing '271,571 HITS available now'. Below this, there's a search bar with 'Find HITS containing' and a filter for 'that pay at least \$ 0.00'. The main content area displays a list of HITs, each with details like Requester, HIT Expiration Date, Time Allotted, Reward, and HITS Available. The list is sorted by 'HITS Available (most first)'.

All HITS
1-10 of 2633 Results
Sort by: **HITS Available (most first)** **GO!** [Show all details](#) [Hide all details](#) [1](#) [2](#) [3](#) [4](#) [5](#) [Next](#) [Last](#)

Find Legal Categories for Law Firms	Request Qualification	Request Qualification (Why?)	View a HIT in this group
Requester: Jason Lavallee	HIT Expiration Date: Dec 6, 2012 (4 weeks 1 day)	Reward: \$0.04	
	Time Allotted: 60 minutes	HITS Available: 33908	
Find a Phone Number for this Business	Request Qualification (Why?)	View a HIT in this group	
Requester: Zachary C Chetchavat	HIT Expiration Date: Nov 12, 2012 (5 days 9 hours)	Reward: \$0.01	
	Time Allotted: 5 minutes	HITS Available: 21128	
Inv_B_2	Request Qualification (Why?)	View a HIT in this group	
Requester: roh2it0d	HIT Expiration Date: Dec 7, 2012 (4 weeks 2 days)	Reward: \$0.00	
	Time Allotted: 48 minutes	HITS Available: 17538	
Search: Keywords on Google.com (US)	Request Qualification (Why?)	View a HIT in this group	
Requester: CrowdSource	HIT Expiration Date: Nov 7, 2013 (52 weeks)	Reward: \$0.08	
	Time Allotted: 16 minutes	HITS Available: 14997	
Classify Arabic Dialects	Request Qualification (Why?)	View a HIT in this group	
Requester: Chris Callison-Burch	HIT Expiration Date: Nov 16, 2012 (1 week 1 day)	Reward: \$0.05	
	Time Allotted: 60 minutes	HITS Available: 9901	
Search: Ranking of a Url in Google (CA)	Request Qualification (Why?)	View a HIT in this group	
Requester: CrowdSource	HIT Expiration Date: Nov 6, 2013 (52 weeks)	Reward: \$0.15	
	Time Allotted: 30 minutes	HITS Available: 8962	
Search: Ranking of a Url in Google (US)	Request Qualification (Why?)	View a HIT in this group	
Requester: CrowdSource	HIT Expiration Date: Nov 7, 2013 (52 weeks)	Reward: \$0.15	
	Time Allotted: 30 minutes	HITS Available: 8955	

Bugzilla: gestione del progetto

 **Bugzilla**

search bugzilla.org:

About | News | Docs | Support | Download | Features | Contribute!

About
Who Uses Bugzilla?
Roadmap
Meet the Team
Release Information
Addons

News
Planet Bugzilla
Security Advisories
Change Logs

Support
Free Support
Paid Support
Documentation
Wiki
Report a Bug
Developer Resources
How To Help Out

Bugzilla
Bugzilla is server software designed to help you manage software development.
[More about Bugzilla »](#)

News

- [Release of Bugzilla 4.3.3, 4.2.3, 4.0.8 and 3.6.11](#) [2012 Aug 30]
- [Release of Bugzilla 4.3.2, 4.2.2, 4.0.7 and 3.6.10](#) [2012 Jul 26]
- [Release of Bugzilla 4.3.1, 4.2.1, 4.0.6 and 3.6.9](#) [2012 Apr 18]

[More news »](#)

Features

- Optimized database structure for increased performance and scalability
- Excellent security to protect confidentiality
- Advanced query tool that can remember your searches
- Integrated email capabilities
- Editable user profiles and comprehensive email preferences
- Comprehensive permissions system
- Proven under fire as [Mozilla's bug tracking system](#)

[View complete list of features »](#)



Bugzilla logo by Dave Shea

Benefits

- Improve communication
- Increase product quality
- Improve customer satisfaction
- Ensure accountability
- Increase productivity
- Bugzilla can adapt to multiple situations

Bugzilla in Action

- <http://bugzilla.mozilla.org/>
The "original" Bugzilla used by Mozilla projects (including Bugzilla). **Note:** This is an example of a publicly-available live Bugzilla site, and not a place to try out Bugzilla. Please use Landfill (listed below) if you want to actually try it out.
- <http://landfill.bugzilla.org/>
A place where people can play with Bugzilla.

Bugzilla: gestione del flusso di lavoro

Bug List: (32 of 44) [First](#) [Last](#) [Prev](#) [Next](#) [Show last search results](#)

Bug 670928 - HTML5 element and WAI-ARIA landmark roles easily navigable in Firefox

Status: REOPENED

Whiteboard:

Keywords:

Product: Firefox

Component: Disability Access

Version: 5 Branch

Platform: All Other

Importance: -- enhancement with [1 vote](#) ([vote](#))

Target Milestone: ---

Assigned To: Eitan Isaacson [[ieejay](#)]

QA Contact:

URL:

Duplicates: [476549](#) ([view as bug list](#))

Depends on: [498823](#)

Blocks: [321632](#)

[Show dependency tree / graph](#)

Reported: 2011-07-12 07:42 PDT by philipp.naderer

Modified: 2012-05-08 13:25 PDT ([History](#))

CC List: 11 users ([show](#))

See Also:

Crash Signature:

Attachments

[Add an attachment](#) (proposed patch, testcase, etc.)

[Summon comment box](#)

philipp.naderer 2011-07-12 07:42:55 PDT

[Description](#)

User Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.6; rv:2.0.1) Gecko/20100101
Firefox/4.0.1
Build ID: 20110413222027

Steps to reproduce:

We added WAI-ARIA landmarks to different sites. Screen readers get them without any problems from the accessibility API. But there is no way to access them in Firefox via a shortcut or in the toolbar. Providing accesskey attributes on skiplinks pointing to the landmarks is the only way to access the landmarks to users with limited motor skills.

Actual results:

No way to access a landmark overview in Firefox.

Expected results:

Add a shortcut which opens a window displaying all the landmark regions and makes them accessible for limited motor skills users.

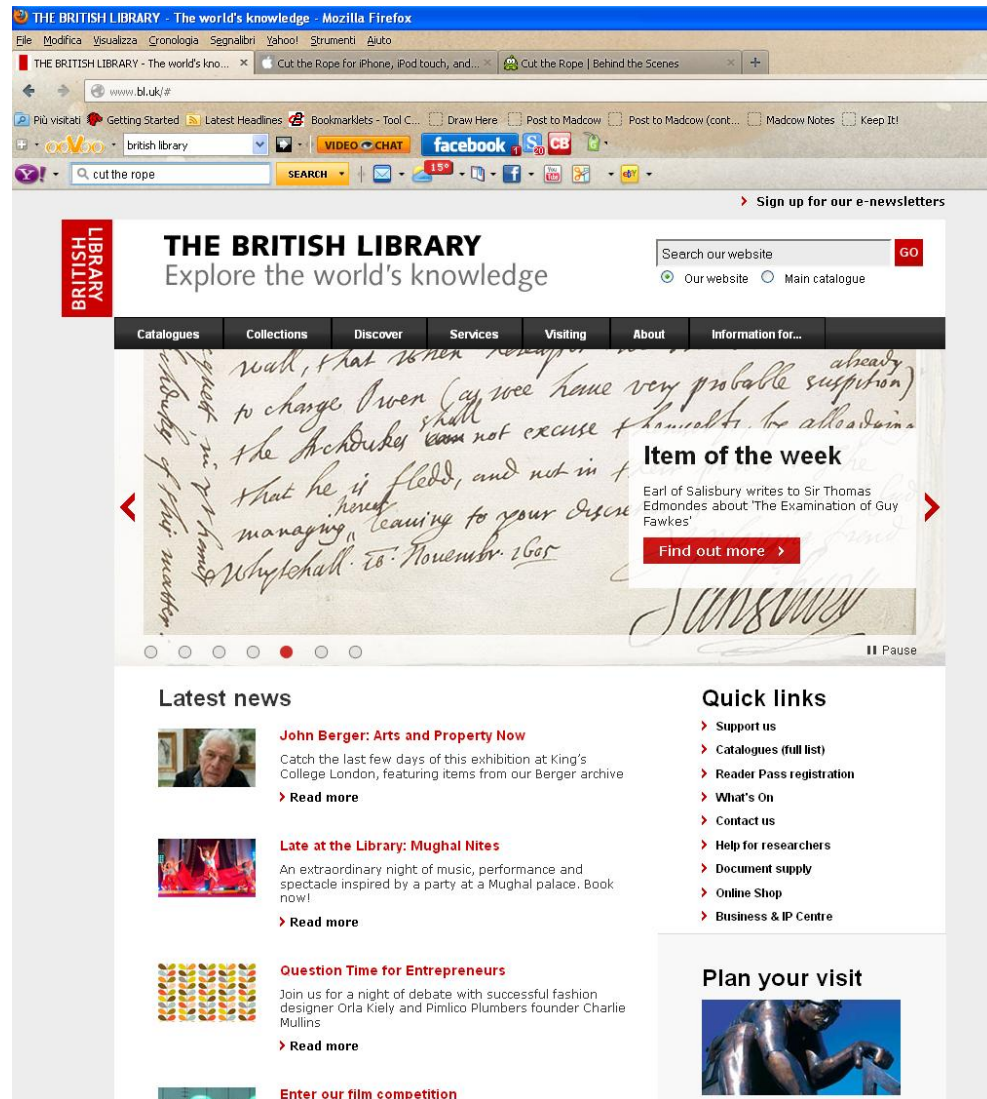
Amazon Mechanical Turk

- Modello basato su Web Services
 - Amazon Web Services
 - Modelli SOAP e REST
- Attori:
 - Workers, Requesters, Developers
- Concetti:
 - HITs, Assegnamenti (reward, limitazioni)
 - Approvazioni, pagamenti
 - Qualificazioni, controlli

Flusso di lavoro

- Sviluppatore crea applicazione
- Richiedente usa applicazione, linea di comando o UI per creare HIT e pubblicarlo
- Lavoratore visita AMT e sceglie HIT
- Richiedente può richiedere qualifica
- Lavoratore completa compiti
- Richiedente rivede lavoro.
 - Paga per lavoro accettato

British Library: l'accesso



THE BRITISH LIBRARY
Explore the world's knowledge

Search our website **GO**

☒ Our website ☐ Main catalogue

Catalogues Collections Discover Services Visiting About Information for...

Item of the week
Earl of Salisbury writes to Sir Thomas Edmondes about 'The Examination of Guy Fawkes'

Find out more

Latest news

John Berger: Arts and Property Now
Catch the last few days of this exhibition at King's College London, featuring items from our Berger archive
Read more

Late at the Library: Mughal Nites
An extraordinary night of music, performance and spectacle inspired by a party at a Mughal palace. Book now!
Read more

Question Time for Entrepreneurs
Join us for a night of debate with successful fashion designer Orla Kiely and Pimlico Plumbers founder Charlie Mullins
Read more

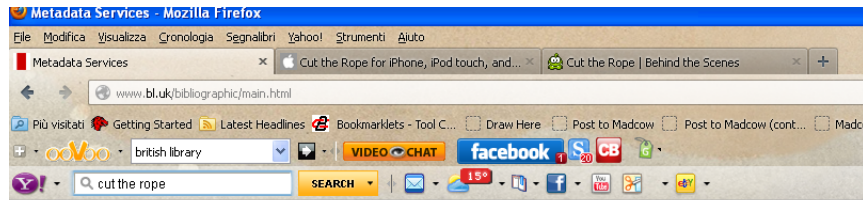
Enter our film competition

Quick links

- Support us
- Catalogues (full list)
- Reader Pass registration
- What's On
- Contact us
- Help for researchers
- Document supply
- Online Shop
- Business & IP Centre

Plan your visit

British Library: i servizi



[Home](#) > [Metadata Services](#)

Metadata Services

The British Library provides a range of services for people requiring bibliographic information. These services include the [national bibliography](#) of the UK and publication of the catalogues of the British Library. All products and services are designed to be compliant with international [bibliographic standards](#).

We offer a variety of [free data supply](#) services for non-commercial use.

Researchers seeking help in identifying bibliographic resources of interest to them may wish to:

- use the Library's free web [catalogues](#).
- explore the descriptions of the British Library's [collections](#).
- use one of our specialist [information services](#).
- find out about our [collections and services](#) for researchers.

Follow the latest developments about our data services on Twitter at <http://twitter.com/BLMetadata> or follow [BLMetadata](#).

For further information please contact:

The British Library
Metadata Services
Boston Spa, Wetherby
West Yorkshire
LS23 7BQ
United Kingdom

Tel: + 44 (0) 1937 546548
Fax: + 44 (0) 1937 546586
Email: bd-info@bl.uk

Sections:

- [British National Bibliography](#)
- [Data Services](#)
- [Standards](#)
- [News](#)
- [Contact us](#)

[Home](#) [About](#) [Contact](#) [Privacy](#)

British Museum: l'accesso

British Museum - Welcome to the British Museum - Mozilla Firefox

File Modifica Visualizza Cronologia Segnalibri Yahoo! Strumenti Aiuto

British Museum - Welcome to the British ... x Cut the Rope for iPhone, iPod touch, and... x Cut the Rope | Behind the Scenes x +

www.britishmuseum.org

Più visitati Getting Started Latest Headlines Bookmarks - Tool C... Draw Here Post to Madcow Post to Madcow (cont... Madcow Notes Keep It!

VIDEO CHAT facebook 1 30 CB

cut the rope SEARCH 15% f YouTube

The British Museum uses cookies to ensure you have the best browsing experience and to help us improve the site. By continuing to browse the site you are agreeing to our use of cookies. [Find out more >](#) x


The British Museum

Visiting What's on Explore Research Learning About us

Membership Support us Channel Blog Shop

Search the website 🔍


Special exhibitions

 >


Shakespeare: staging the world
Until 25 November 2012
Buy your tickets now
[Booking information >](#) [Blog posts >](#) [Events >](#)

[Book online >](#) [Members free >](#)

Life and death in Pompeii and Herculaneum
From 28 March 2013
Tickets now on sale
[Booking information >](#)



Visiting


Great Court at the British Museum


Free, open daily 10.00–17.30
Fridays until 20.30
[Full opening times >](#) [Friday lates >](#) [Families >](#)

Getting here
Great Russell Street, London WC1B 3DG

Languages
[English](#) [Deutsch](#) [Español](#) [Français](#)
[Italiano](#) [Русский](#) [中文](#) [日本語](#) [한국어](#)


Featured gallery: Money
Discover 4,000 years of the history of money >
[More on visiting >](#)

Collection



Sphinx of Taharqo, Sudan < >
[Explore highlights of the collection >](#)
[Search the collection database >](#)

Communicating through coins
Messages from the past
[More themes from the collection >](#)



Kids online
Create, play and discover
[Videos >](#) [Games >](#) [Activities >](#)
[Explore the collection >](#)

British Museum: servizi didattici



Visiting
What's on
Explore
Research
> Learning
About us

Membership
Support us
Channel
Blog
Shop

Search the website



[Learning](#) > [Schools and teachers](#) [Families and children](#) [Adults and students](#) [Samsung Centre](#) [Access](#)

Learning

Schools and teachers



Sessions at the Museum

[New 2012–2013 school sessions >](#)

Resources for your visit or in the classroom

[Age 3–6 >](#) [Age 7–11 >](#) [Age 12–16 >](#) [Age 16+ >](#)

Museum visits

[School visits to *Shakespeare: staging the world* >](#)
[Information for school visits >](#)

[More for schools and teachers >](#)

Family learning



Museum activities

[Free family trails >](#)
[Free family backpacks >](#)
[Family visiting information >](#)

Family events

[Exciting events programme for families >](#)

Exhibitions: free for children

[See all exhibitions >](#)

[More on family learning >](#)

Adult learning



Higher education courses

[Credited and non-accredited courses with the British Museum and university partnerships >](#)

ESOL programmes

[Tours and resources for ESOL learners on Skills for Life programmes >](#)

Events

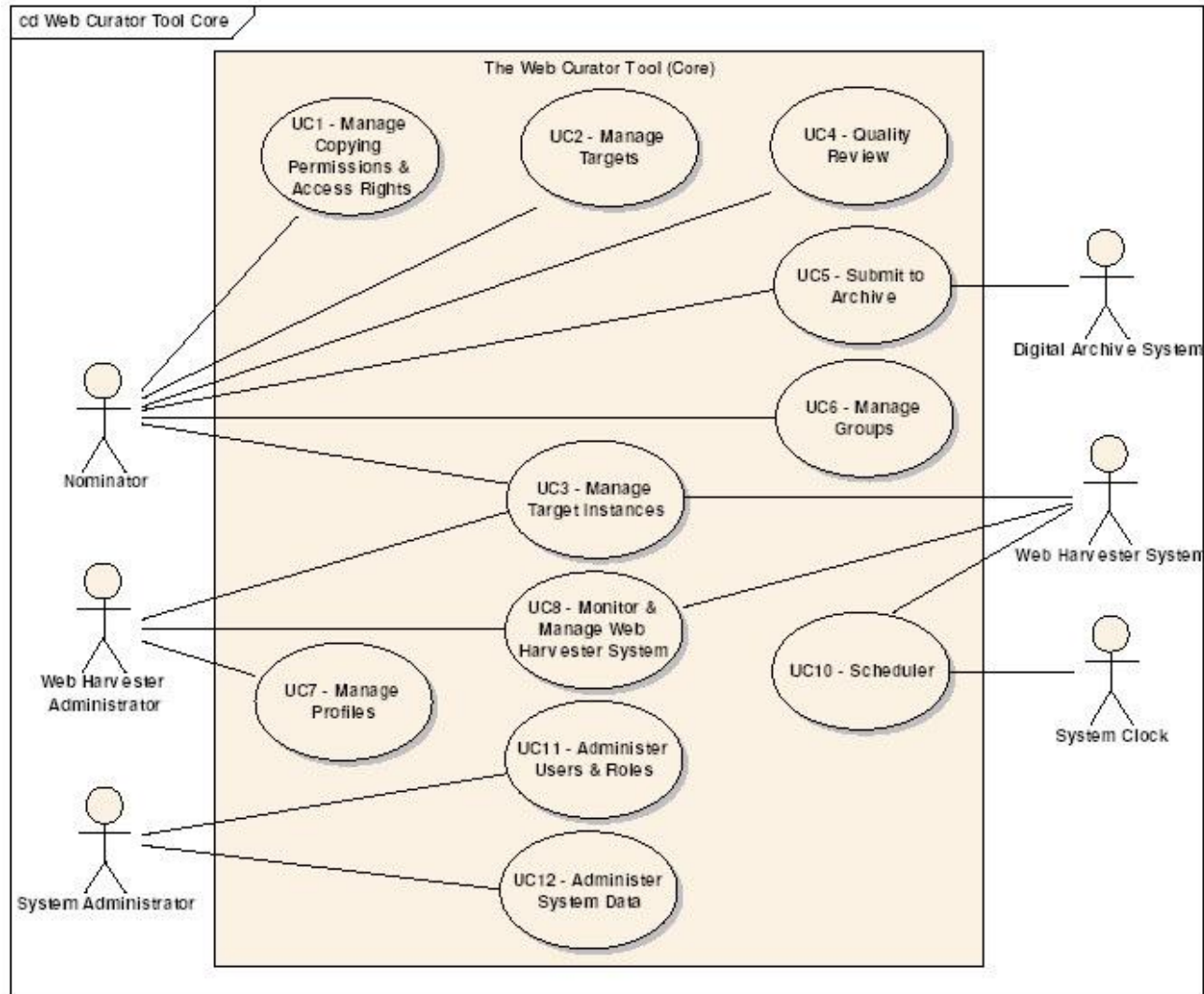
[Take a closer look at history – through workshops, lectures, debates, study days and more >](#)

[More on adult learning >](#)

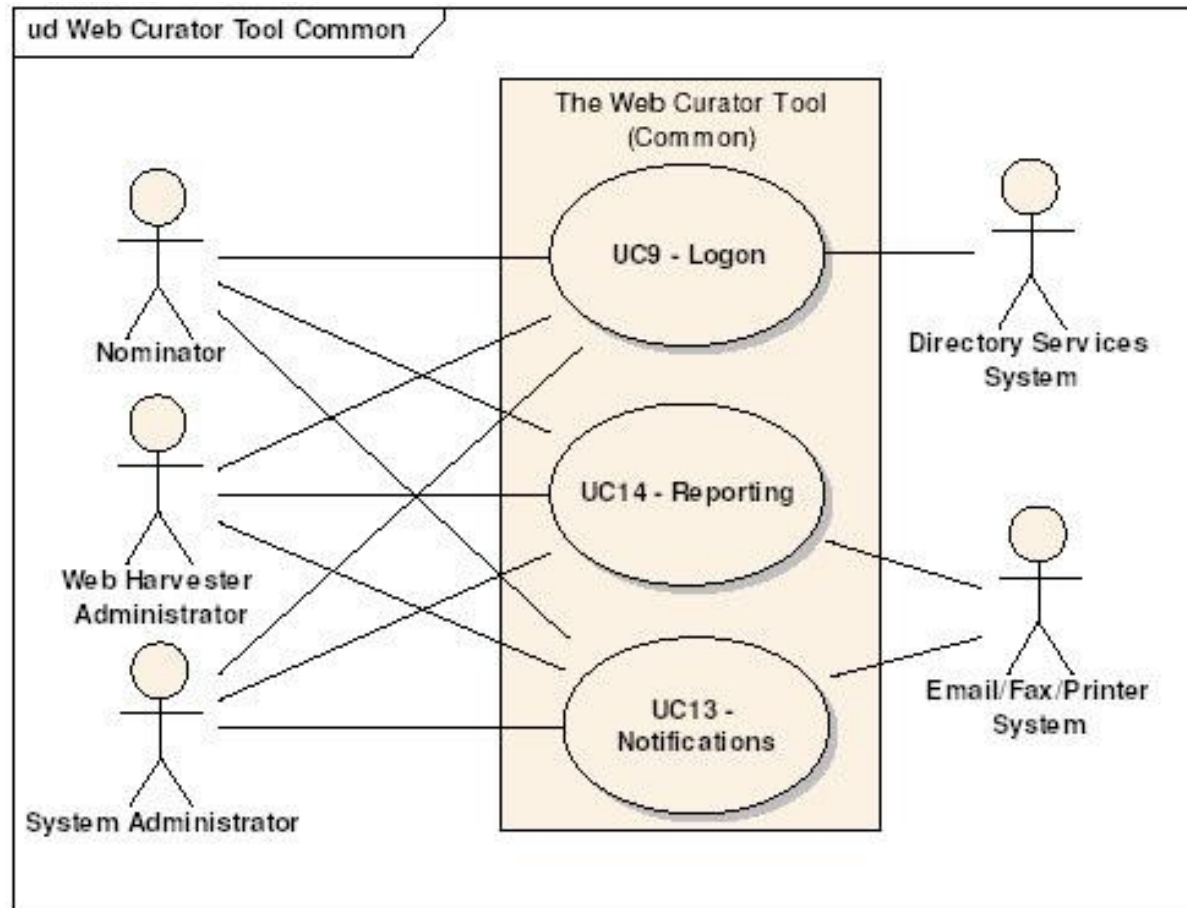
Strumenti per il curatore

- Web Curator Tool
 - BL, NZL
- Concetti principali
 - Centro di controllo: mantiene elenco di database
 - Agenti di harvest: raccolgono risorse da database
 - Asset Data Store: memorizza risultati di harvest dopo averne valutato la qualità

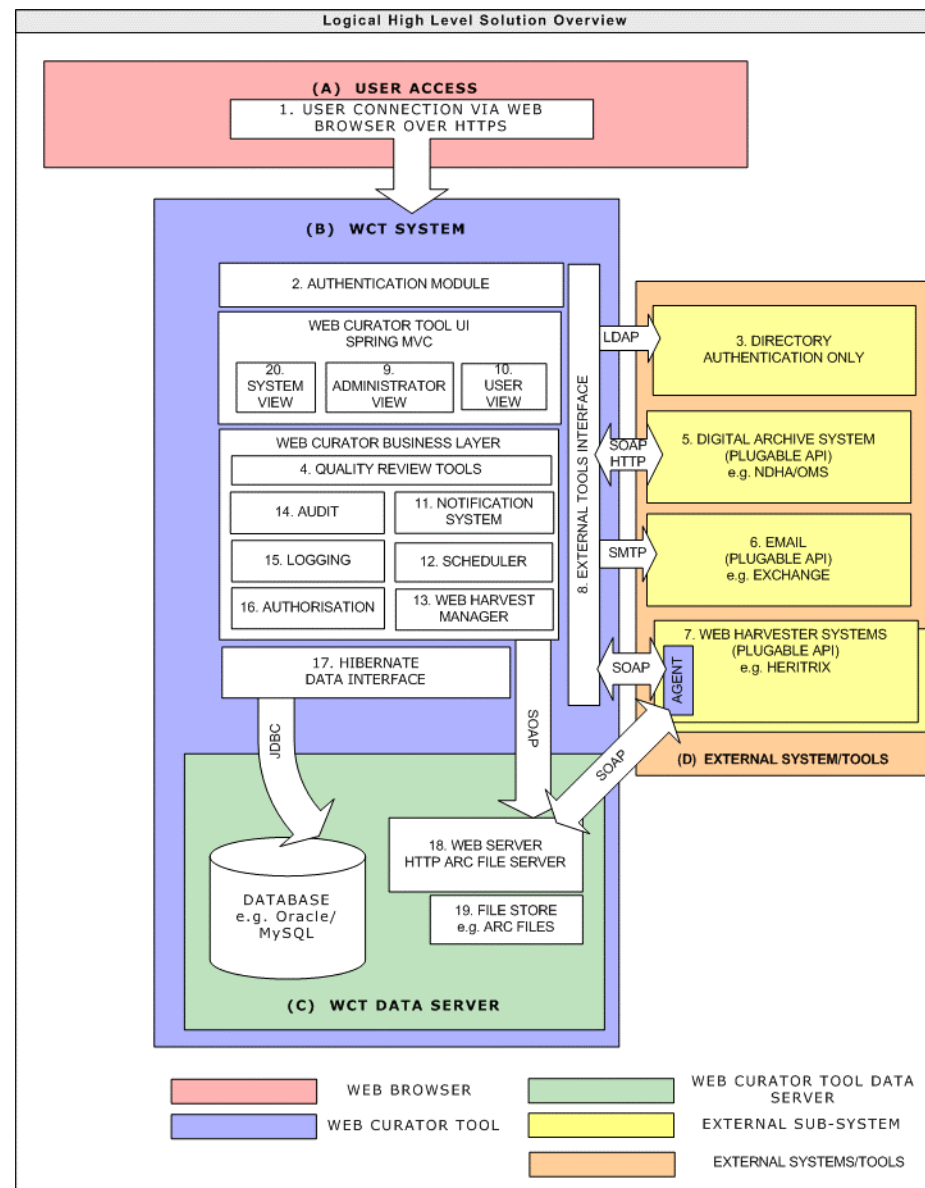
Casi d'uso (1)



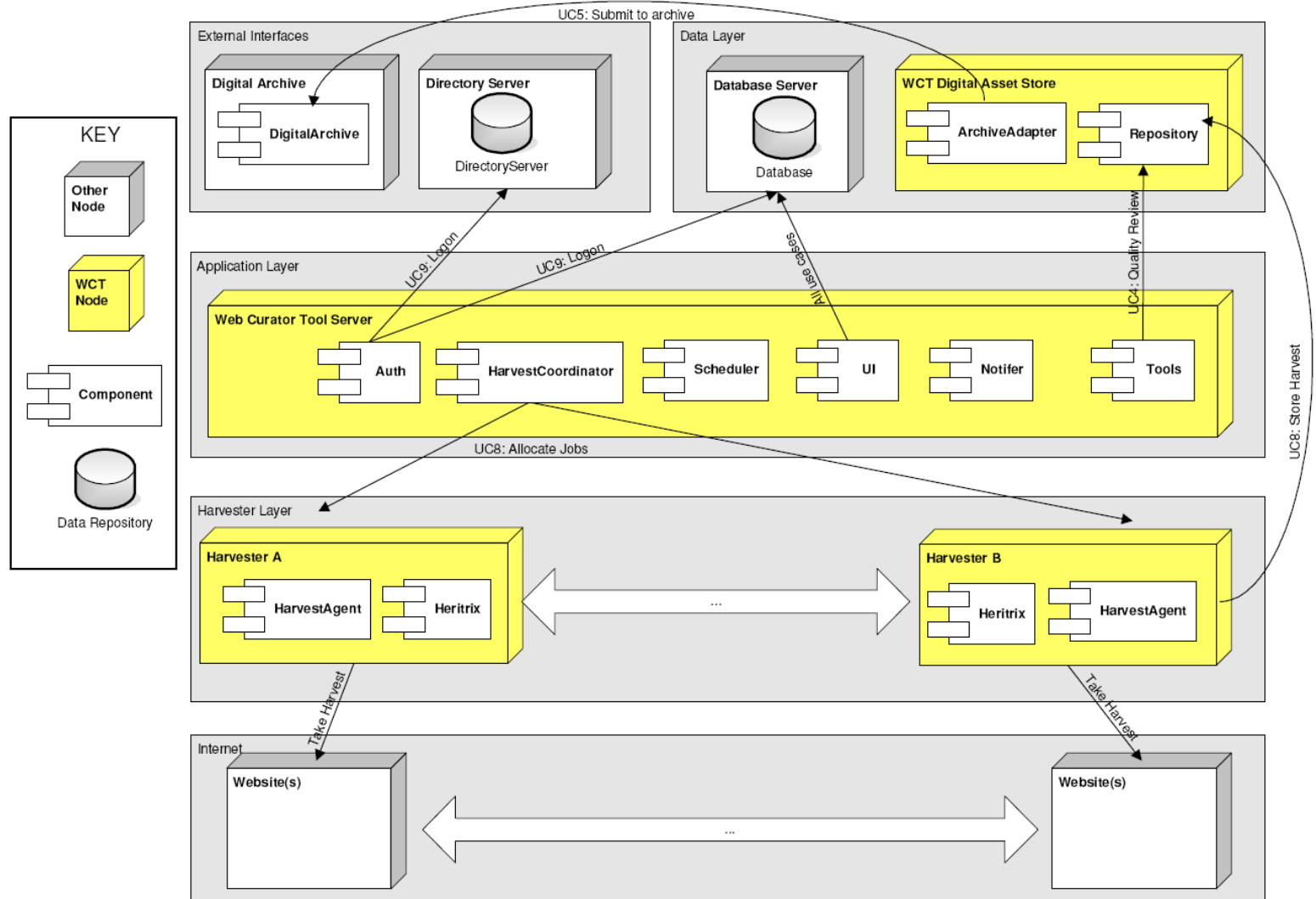
Casi d'uso (2)



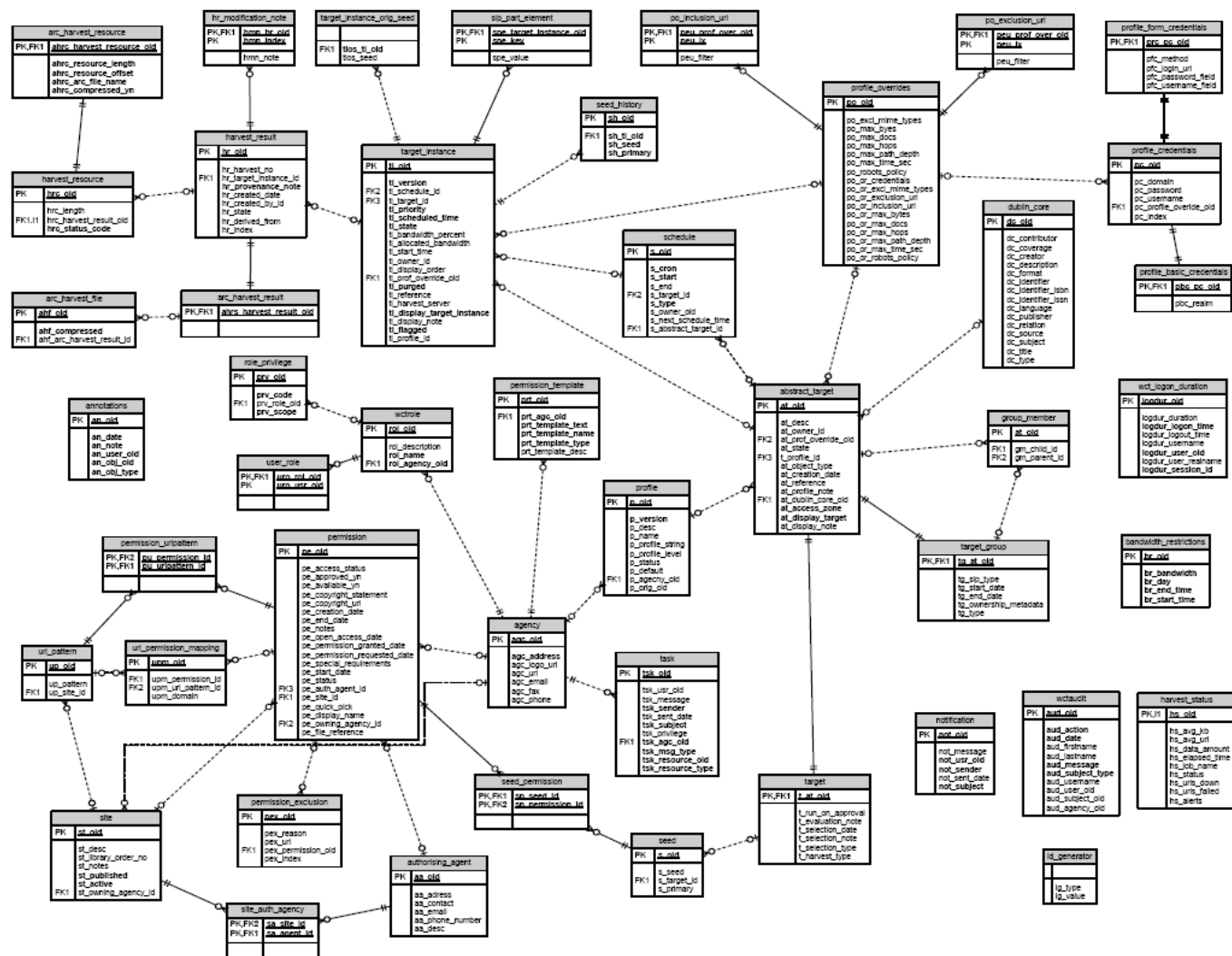
Architettura ad alto livello



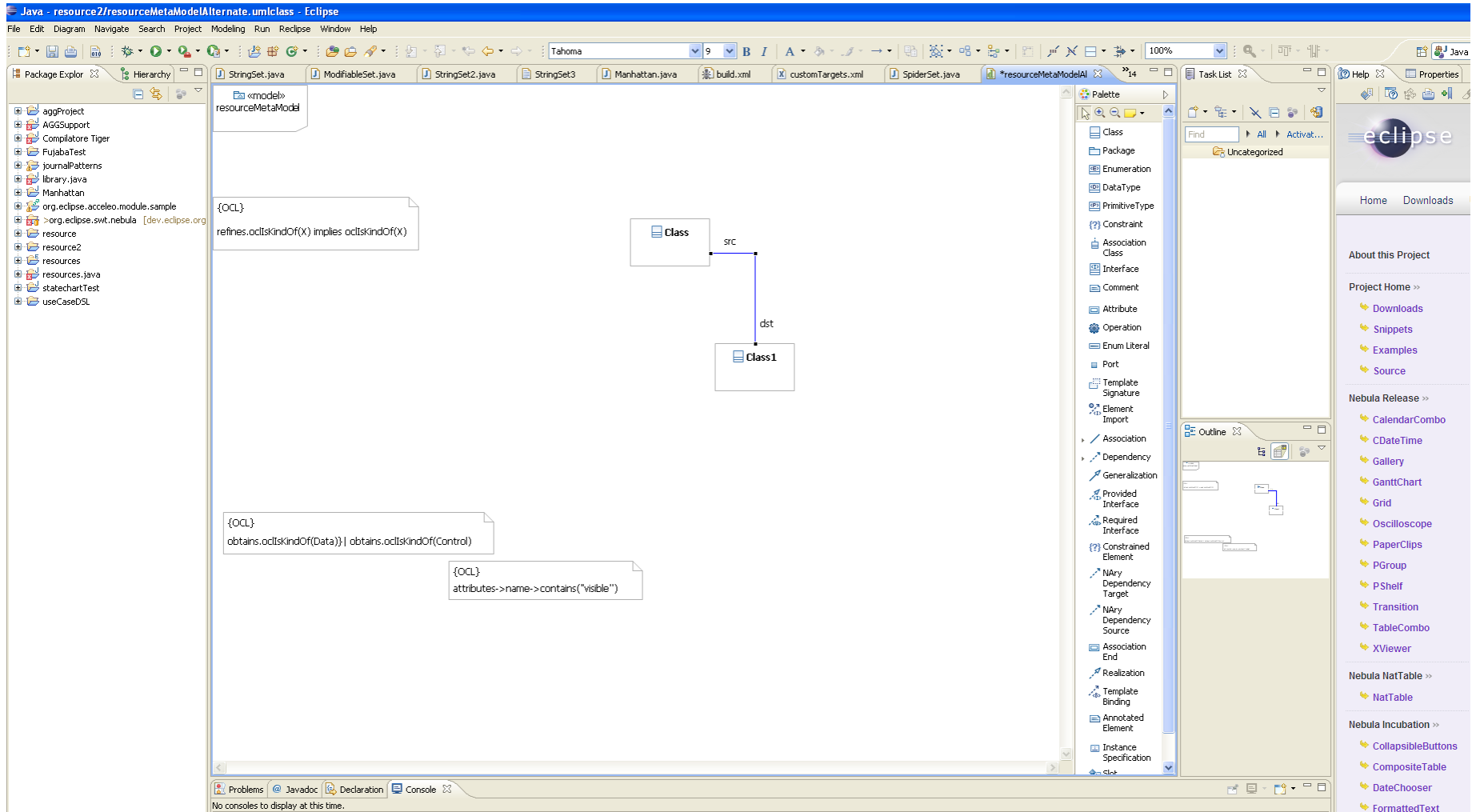
Disposizione componenti




Data model



Eclipse: la piattaforma










Eclipse: la community



Thanks for a great conference!

Visit other Eclipse Sites



Home Downloads Users Members Committers Resources Projects About Us


Google Custom Search Search

Featured Eclipse Project

Eclipse Lyo

Enabling tool integration with OSLC

The Eclipse Lyo project focuses on providing an SDK to help the Eclipse community to adopt OSLC (Open Services for Lifecycle Collaboration) specifications and build OSLC-compliant tools.

[read more](#)

Get Started now...
Download Eclipse

Follow @EclipseFdn Mi piace 31r

» Plugins » Contribute
» Documentation » Report a Bug

Announcements

2012/11/06 **EclipseCon 2013: Call for Papers Deadline Nov 19, 2012**
Submit your proposal now. The EclipseCon Call for Papers deadline for submissions is November 19, 2012.


2012/11/06 **Eclipse DemoCamps: Nov 11 - 17**
Next weeks' DemoCamps include Vancouver, Canada on November 13 and Hamburg, Germany on November 14.

2012/11/05 **Register Now for Eclipse Day at the Googleplex 2012**
Eclipse Day at the Googleplex will take place on December 12, 2012 at the Google Mountain View Campus. Click [here](#) to find out more about the event or to register.

2012/10/23 **Eclipse Survey: Big data, reporting and visualization**
The Eclipse Foundation would like to better understand how developers are using Eclipse with big data and reporting projects. Please take a few minutes to answer this [four question survey](#).

2012/10/23 **Eclipse DemoCamps: November 2012**
The Eclipse Community is hosting Demo Camps in cities around the world during November 2012. Sign up now to attend or present at a [DemoCamp](#) in your area.

[More...](#)



Eclipse Marketplace

- Palladio 3.3.1 for Eclipse 3.7 (Indigo)
2012/10/16
- Testdroid Recorder
2011/10/03
- Actifsource - Model-Driven Code Generator
2010/04/15
- JDeodorant
2007/11/28
- Eclipse Icons Editor
2012/07/04

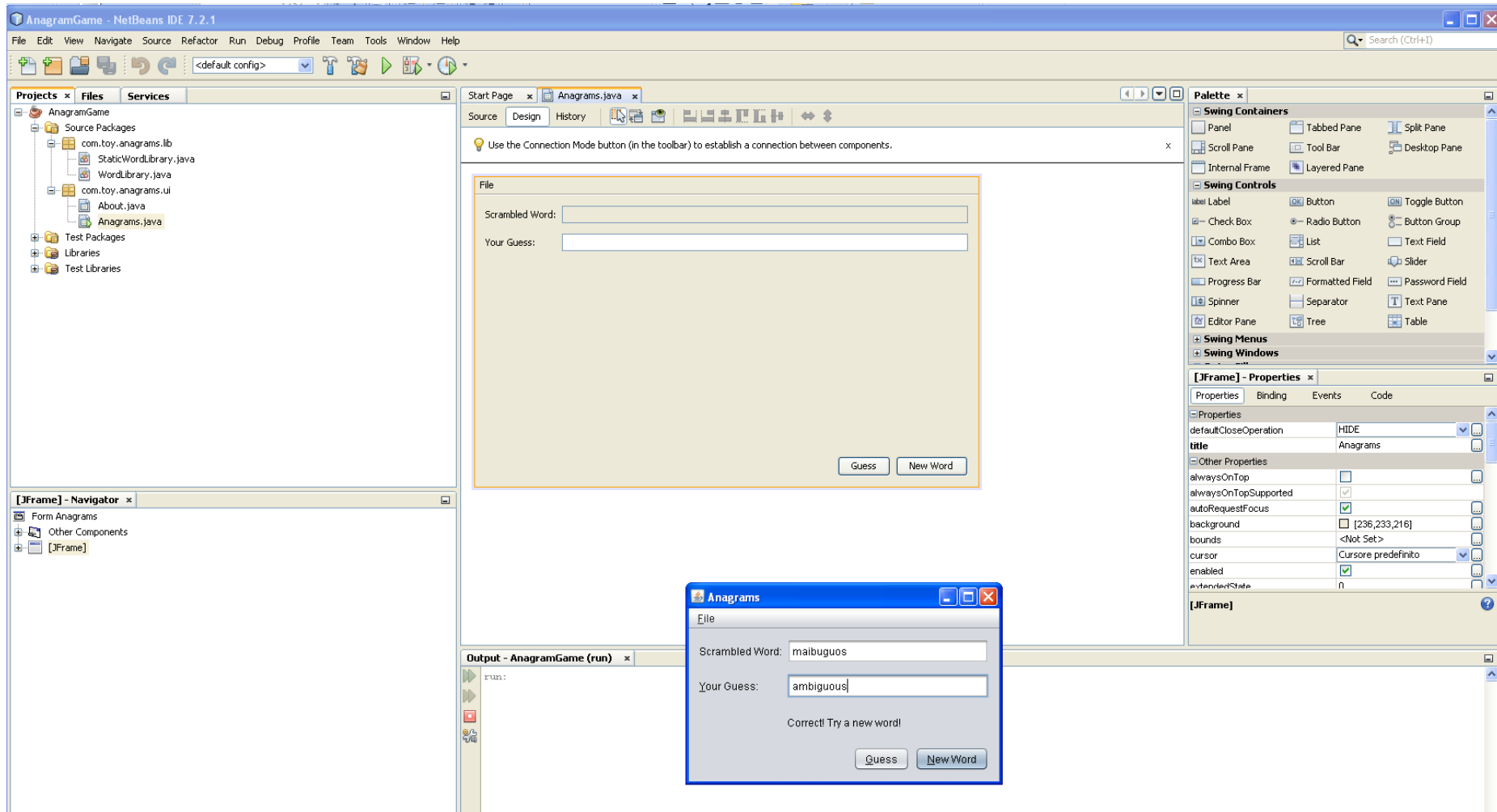
[View All Plugins](#)

Community News

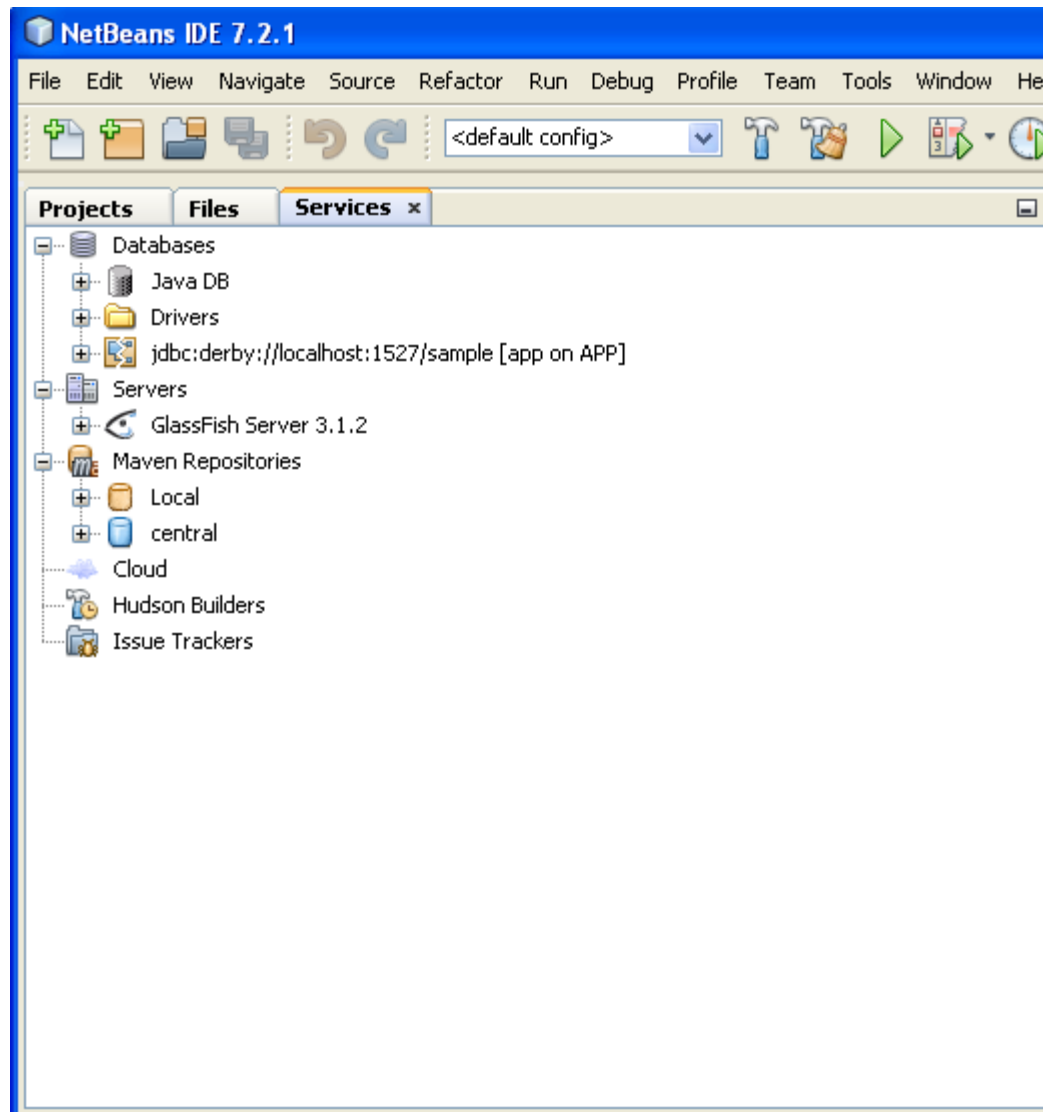
2012/11/05 **Chronon Systems releases Chronon 3 with 10x performance improvement**
We have released v3 of Chronon Recording Server and Chronon Time Traveling Debugger. Developers and QA Teams can now experience incredible performance improvements of up to 10X with V3 of the Chronon Recording Server making this the best solution to resolve issues in your development, QA and product...

2012/10/23 **Activate, Announce, Plug In: C-DIST Contest for Autumn 2012**

NetBeans: sviluppo e test

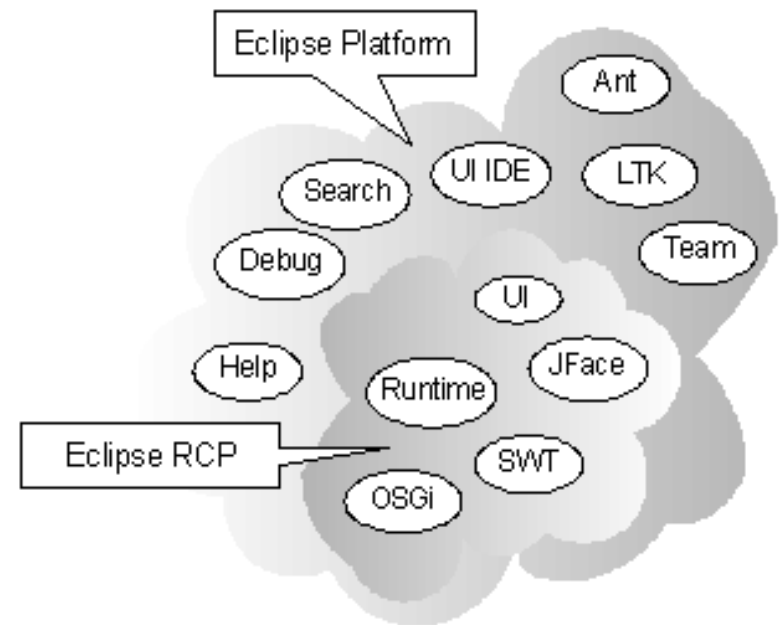


NetBeans: i servizi



Eclipse Platform

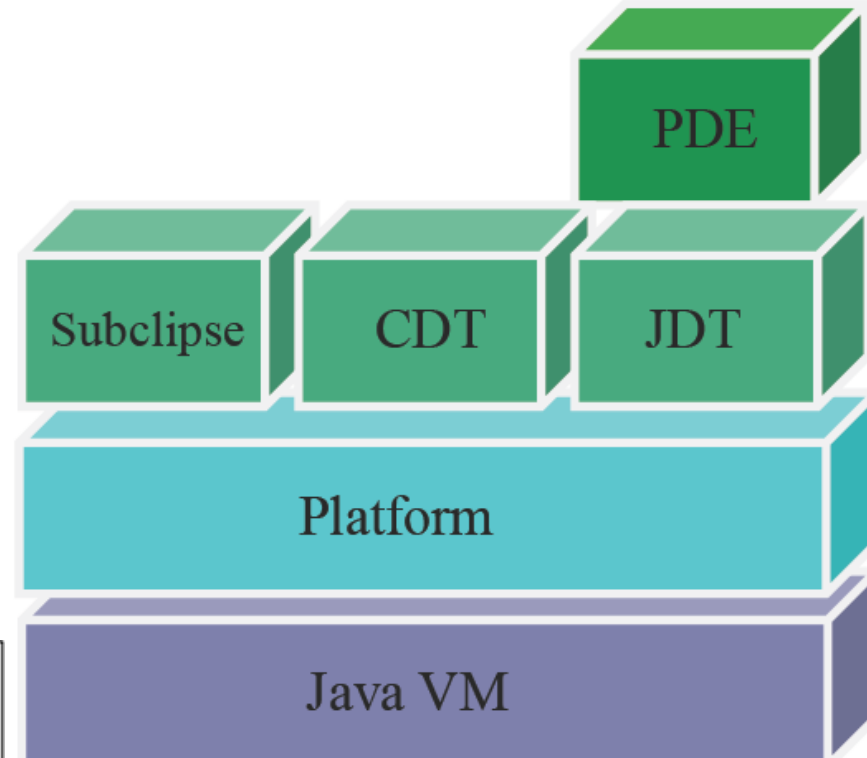
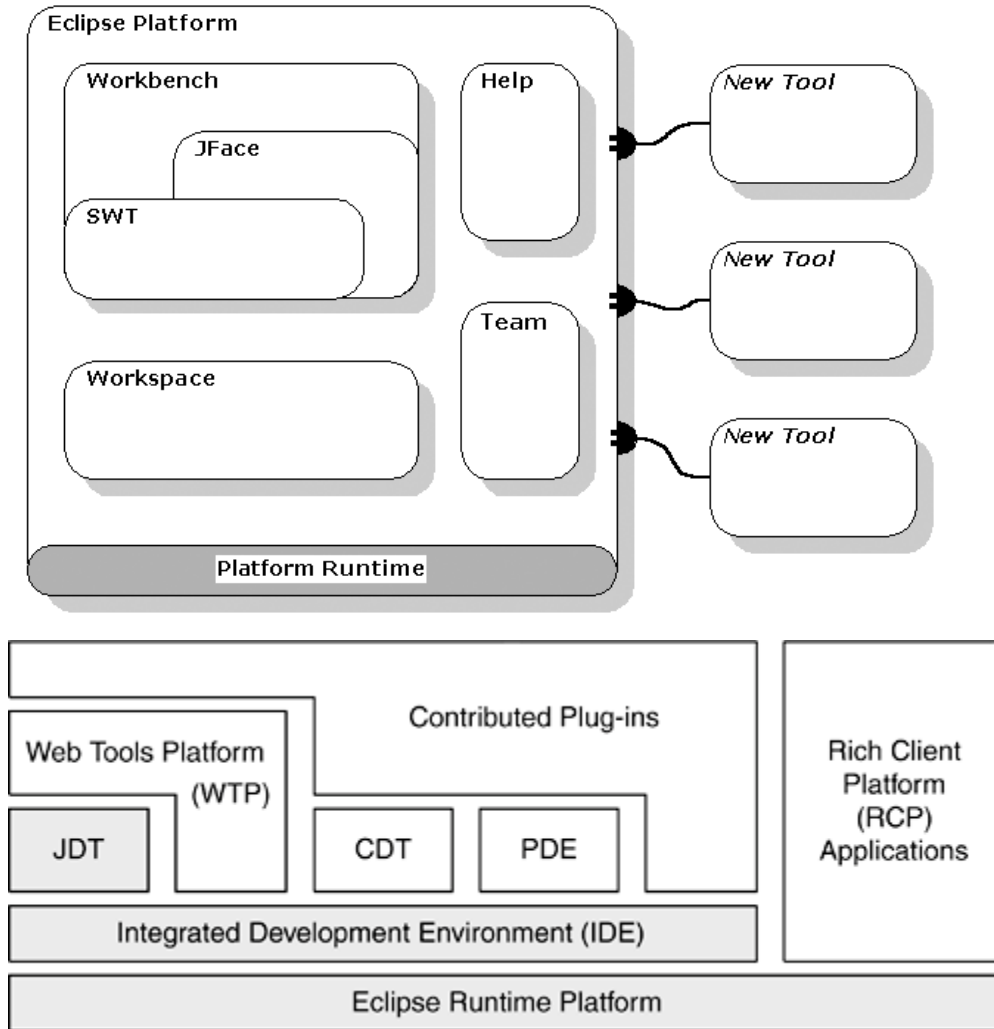
- Insieme di funzionalità per costruire IDE
- In generale costruzione di tool e applicazioni
 - Rich Client Platform
- Integrazione di tool
 - Aggiunta di plugin



Requisiti per Eclipse Platform

- Support the construction of a variety of tools for application development.
- Support unrestricted set of tool providers, including independent software vendors
- Support tools to manipulate arbitrary content types
 - e.g. HTML, Java, C, JSP, EJB, XML, GIF
- Facilitate integration of tools within/across different content types and tool providers
- Support both GUI and non-GUI-based application development environments.
- Run on a wide range of operating systems,
 - e.g. Windows®, Linux™, Mac OS X, Solaris AIX, HP-UX.
- Capitalize on the popularity of the Java programming language for writing tools.

Visioni architetturali alto livello



Plugins

- Estensioni in punti determinati
- OSGI Bundle Manifest
 - Definisce dipendenze da altri plugin (Require-Bundle:)
- Plugin Manifest
 - Dichiarare come può essere esteso
 - Dichiarare come soddisfa punti di estensione di altri plugin
 - Azioni
 - Rappresentazioni nelle varie viste