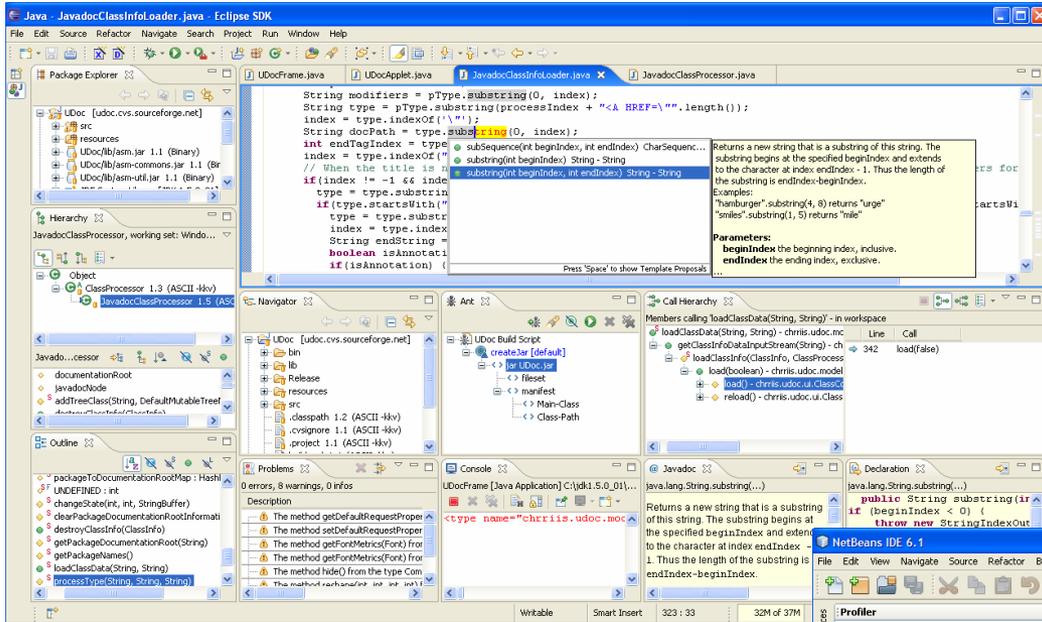


**¿DE QUÉ HERRAMIENTAS DISPONGO
PARA DESARROLLAR EN JAVA?**

IDEs (Integrated Development Environments) para desarrollo en Java



ECLIPSE (.org)

Comunidad de desarrollo en código abierto

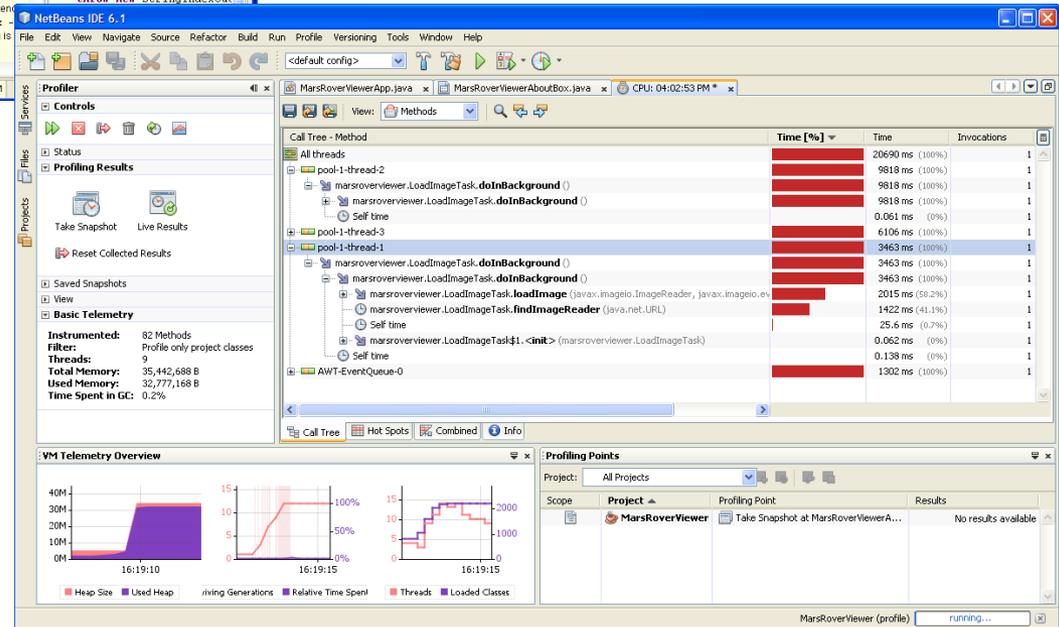
Proyectos enfocados al desarrollo de una plataforma de *marcos extensibles, herramientas* y ejecutables para construir, implantar y gestionar software a lo largo de todo su *ciclo de vida*.

Un “vibrante” y “amplio” ecosistema de grandes fabricantes de tecnología, innovadoras start-ups, universidades, instituciones de investigación y particulares.

NETBEANS(.org)

netbeans.apache.org/

Un IDE de código abierto gratis para desarrolladores de software. Proporciona todas las *herramientas* para crear aplicaciones profesionales de sobremesa, de empresa, web y móviles, con Java, C/C++, y Ruby. NetBeans es fácil de instalar y usar de inmediato, y corre en numerosas plataformas incluyendo Windows, Linux, Mac OS X y Solaris.



Hay otros IDEs. Una defensa de Netbeans (desde el desconocimiento del resto)

- El slogan de **Netbeans** es “The only IDE you need!”, y probablemente no sea sólo un slogan sino una verdad absoluta.

Most downloaded

- Report [656,777]
- NetBeans OpenGL Pack [190,027]
- Ruby and Rails [101,499]
- NetBeans UML [90,755]
- Codename One [80,784]

Top rated

- Vi - vim editor clone
- Codename One
- Explore from here
- NB CSV Editor
- Sort line tools

Newly added or updated

- Spellchecker German Dictionaries
- Spellchecker French Dictionaries
- Spellchecker Spanish Dictionary
- PMD
- Spellchecker Portuguese and Brazilian Dictionaries

Plugins catalogue

Live Filters - select or type to filter the catalogue, filters are applied all together. There is also multi column sorting activated by 'shift' clicking column headers.

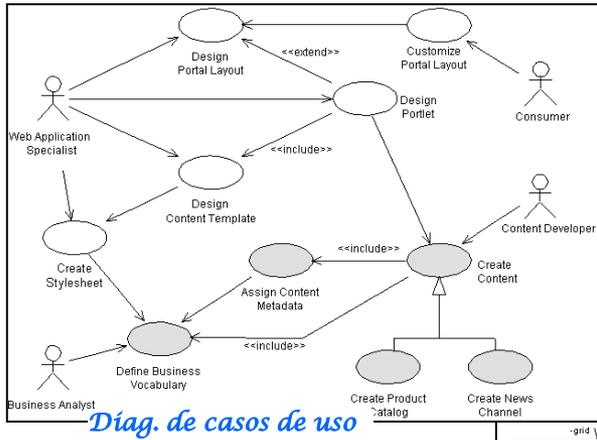
Name: Category: NetBeans version: Description: Owner: Verified for:

| Plugin name | Category | NetBeans versions | Description | Owner | Last updated | Avg. Rating | Downloaded | On UC |
|--|--|--------------------|--|----------|--------------|----------------|------------|---------------|
| ResinTemplateModule | Web Applications , Utilities | 7.0, 6.9 | Resin Java & PHP Template | tdc.paul | 2011-07-11 | ★★★★★ [0/5] | 3422 | |
| JSLint | Web Applications , Testing | 7.3, 7.1, 7.0 | The JavaScript Code Quality Tool | lomatek | 2013-05-22 | ★★★★★ [4.51/5] | 12316 | 7.0, 7.1, 7.3 |
| TypoScript Support for NetBeans IDE | Web Applications , Programming Languages, Editing | 7.3, 7.2 | This Project aims to provide support for the TypoScript Language used by TYPO3. | dfrank | 2013-04-01 | ★★★★★ [4.46/5] | 3493 | 7.2, 7.3 |
| PHP WordPress Blog/CMS | Web Applications , Programming Languages | 7.4, 7.3 | Support for WordPress. This plugin provides the following features. New Wordpress plugin wizard. Create theme(Underscores) action. Hyperlink navigation and code completion for filter and action function. Shortcut nodes for theme and plugin directory. | junichi1 | 2013-09-20 | ★★★★★ [4.23/5] | 7483 | |
| GW4NB | Web Applications , Programming Languages | 7.3, 7.2, 7.1, 7.0 | Google Web Toolkit (GWT) Support | ksfretas | 2013-03-19 | ★★★★★ [4.33/5] | 12762 | 7.2, 7.3 |
| PHP Yi Framework (NetBeans PHPCC) | Web Applications , Programming Languages | 7.3 | Support for PHP Yi Framework. This plugin has been created by NetBeans PHP Community Council (http://nbpccouncil.org/). | junichi1 | 2013-07-19 | ★★★★★ [4.46/5] | 13638 | 7.3 |
| HTMLJava Project | Web Applications , Mobile Applications, Desktop Applications | 7.4 | Write your application logic in Java, use HTML for your UI and deploy anywhere! | Julach | 2013-09-18 | ★★★★★ [0/5] | 199 | 7.4 |
| Carmesi | Web Applications , Libraries | 7.0 | Integrates support for Carmesi framework. | hmvictor | 2011-08-04 | ★★★★★ [0/5] | 733 | |
| ICEfaces (Ajax for Java EE) for NetBeans 6.7 | Web Applications , Graphical User Interface, Libraries | 6.7 | ICEfaces is a leading open source Ajax framework for Java EE. The ICEfaces Project Integration for NetBeans 6.7 provides the ICEfaces framework as an extension of the JSF Frameworks for use in NetBeans Web Projects. Supported Features: Create a new ICEfaces Web project (JSF or Facelets). | kfyten | 2011-05-06 | ★★★★★ [3.9/5] | 16015 | |

Eclipse puede ser comparable a **Netbeans** (¿superior?), pero su modelo de desarrollo es comercial, por lo que nos podemos encontrar con que una determinada capacidad que nos resulte interesante sea de pago (Actualmente no se exige el “ánimo” comercial y se sigue un esquema mixto) (nota sep.2020: la debilidad de Netbeans frente a Eclipse era la comunidad de desarrollo, cosa que ha cambiado hace poco al ser asumido por Apache –ver descargas más adelante-)

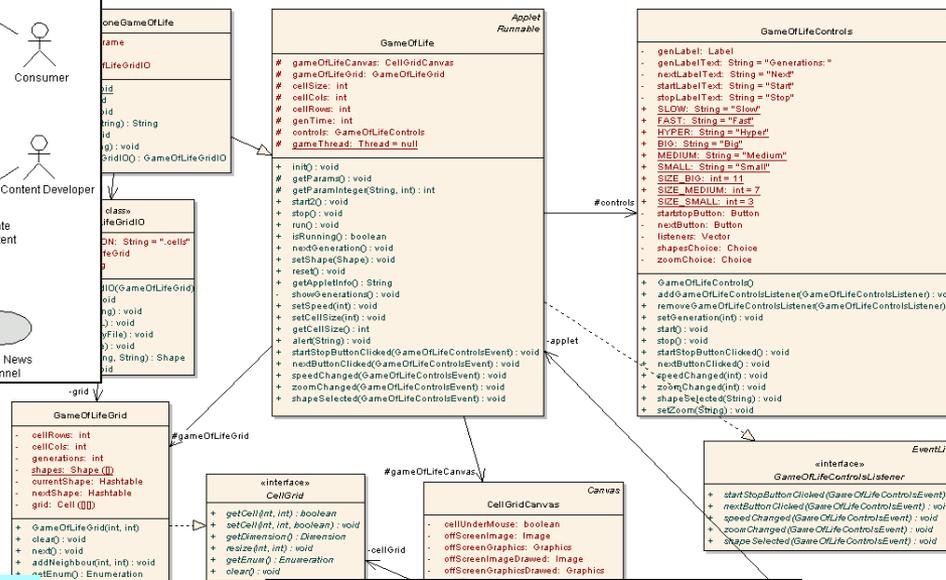
IntelliJ IDEA es otro gran contendiente desde que fue elegido por Google como soporte para desarrollo para Android. Esta fabricado por una compañía privada por lo que tiene sus ventajas (más conexo, menos caótico) y sus inconvenientes (menos comunidad de desarrollo, modulos de pago)

- **Jbuilder** fue importante hasta hace unos años al destacar en varios aspectos (p.ej. integración de UML), pero los esquemas de desarrollo en comunidad de **Netbeans** y **Eclipse** lo han superado (sin dejar de ser un buen entorno). (nota sep.2020: hace años que no existe siquiera la empresa –Borland- “inventora” del entorno de desarrollo con TurboPascal)
- **Java Studio** es el IDE de SUN. Los padres de la tecnología Java han luchado siempre por liderar la oferta de entornos de desarrollo para Java con interesantes iniciativas y con dedicación de medios, pero su éxito ha sido más bien escaso. Su propia consciencia de este hecho les ha llevado, desde hace varios años, a apoyar **Netbeans** “oficialmente” (es el IDE descargable como “bundle” con el kit de desarrollo de la web de SUN) sin que hayan renunciado a su propio sistema (nota sep.2020: parece haber derivado a una herramienta especializada en web-apps)

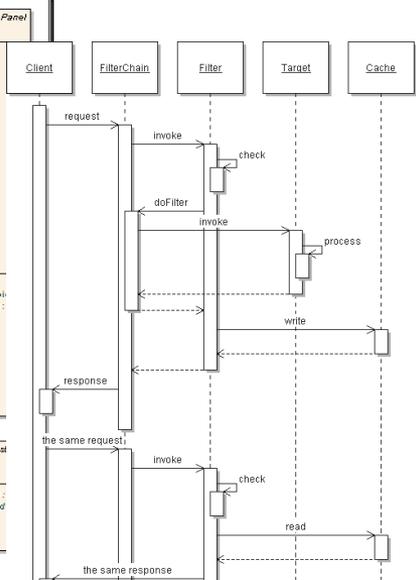


Diag. de casos de uso

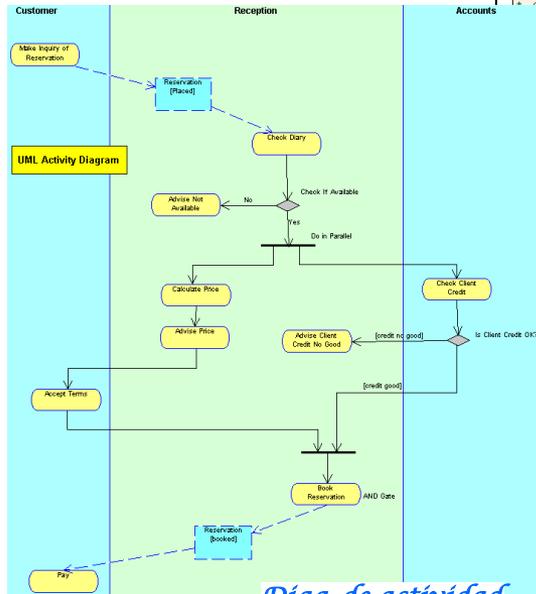
Diag. de clases



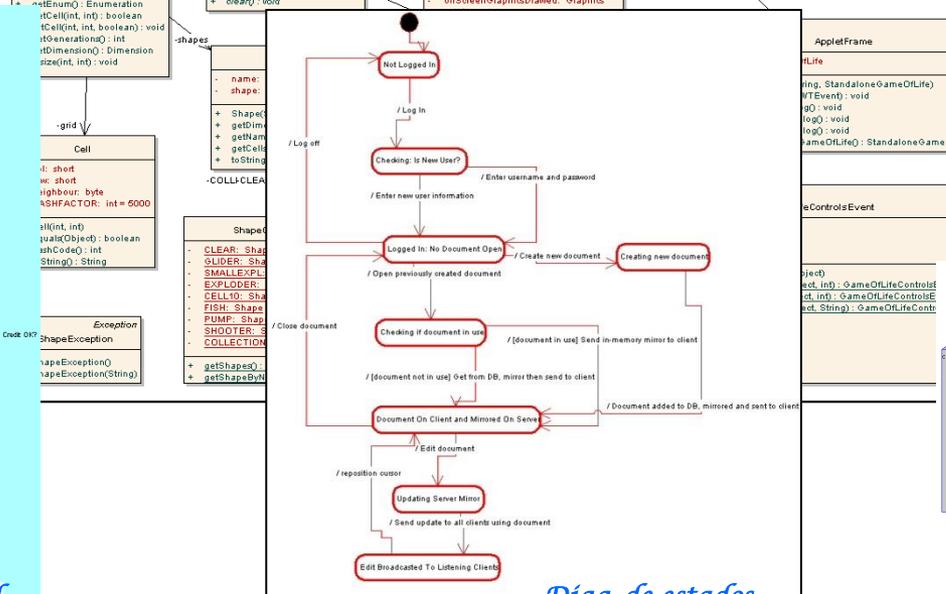
Desarrollo mediante modelado: UML



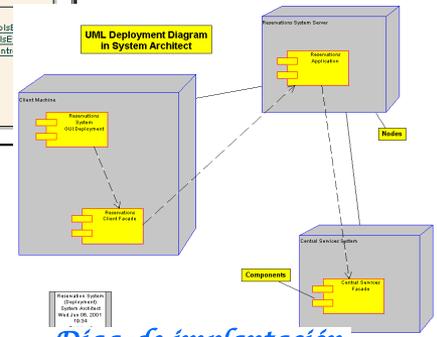
Diag. de secuencia



Diag. de actividad



Diag. de estados



Diag. de implantación

OBTENCIÓN E INSTALACIÓN DEL SOFTWARE

The screenshot shows the Oracle Java website. At the top, the Oracle logo is on the left, and navigation links for 'View Accounts' and 'Contact Sales' are on the right. Below the logo, a horizontal menu lists 'Products', 'Industries', 'Resources', 'Customers', 'Partners', 'Developers', and 'Events'. The main content area has a dark background with a light blue cloud icon on the left. The headline reads 'Java Is the Language of Possibilities', followed by a sub-headline: 'Java is powering the innovation behind our digital world. Harness this potential with Java resources for student coders, hobbyists, developers, and IT leaders.' A white button below the sub-headline says 'Learn how Java powers innovation'. Below this is a navigation bar with 'Overview' and 'Technical Details' (the latter is selected and underlined). The 'Newest Downloads' section lists several Java versions: 'Java SE 19', 'Java SE 17.0.4.1 (LTS)', 'Java SE 11.0.16.1 (LTS)', 'Java SE 8u341', and 'Java Card 3.1'. Red arrows point from the 'LTS' labels in the second and third items to the 'Java SE 17.0.4.1 (LTS)' and 'Java SE 8u341' items respectively. A yellow box contains the text 'SE= Standar Edition' and 'LTS = Long Term Support'.

Terms and Conditions.

JDK 19 will receive updates under these terms, until March 2023 when it will be superseded by JDK 20.

JDK 17 will receive updates under these terms, until at least September 2024.

Java 19 **Java 17**

Java SE Development Kit 17.0.4.1 downloads

Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications and components using the Java programming language.

The JDK includes tools for developing and testing programs written in the Java programming language and running on the Java platform.

Linux macOS **Windows**

| Product/file description | File size | Download |
|--------------------------|-----------|---|
| x64 Compressed Archive | 171.81 MB | https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.zip (sha256) |
| x64 Installer | 152.78 MB | https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.exe (sha256) |
| x64 MSI Installer | 151.66 MB | https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.msi (sha256) |

Apache NetBeans Releases

netbeans.apache.org/download/index.html

Apache NetBeans

Community Participate Blog Get Help Plugins Download

Latest release

Apache NetBeans 15

Download

Apache NetBeans Releases

Apache NetBeans is released four times a year. For details, see [full release schedule](#).

Apache NetBeans 15

Latest version of the IDE, released on August 31, 2022.

Download

Seguir el enlace y elegir la versión para nuestra plataforma

Older releases

Older Apache NetBeans releases can still be downloaded, but are no longer supported.

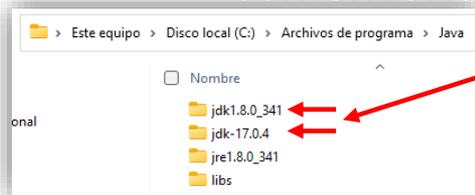
Find out more

Daily builds and building from source

All Apache NetBeans source code is freely available to build yourself, or you can download (unsupported) daily development builds.

Find out more

Una vez realizadas las descargas, procederemos a la instalación comenzando por el JDK y continuando con Netbeans.



Al “arrancar” Netbeans veremos algo semejante a esto (quizás con otro Look&Feel y con sólo la versión de JDK que se haya instalado)

