

# Preparando ambiente de desenvolvimento

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# Instalando o JDK

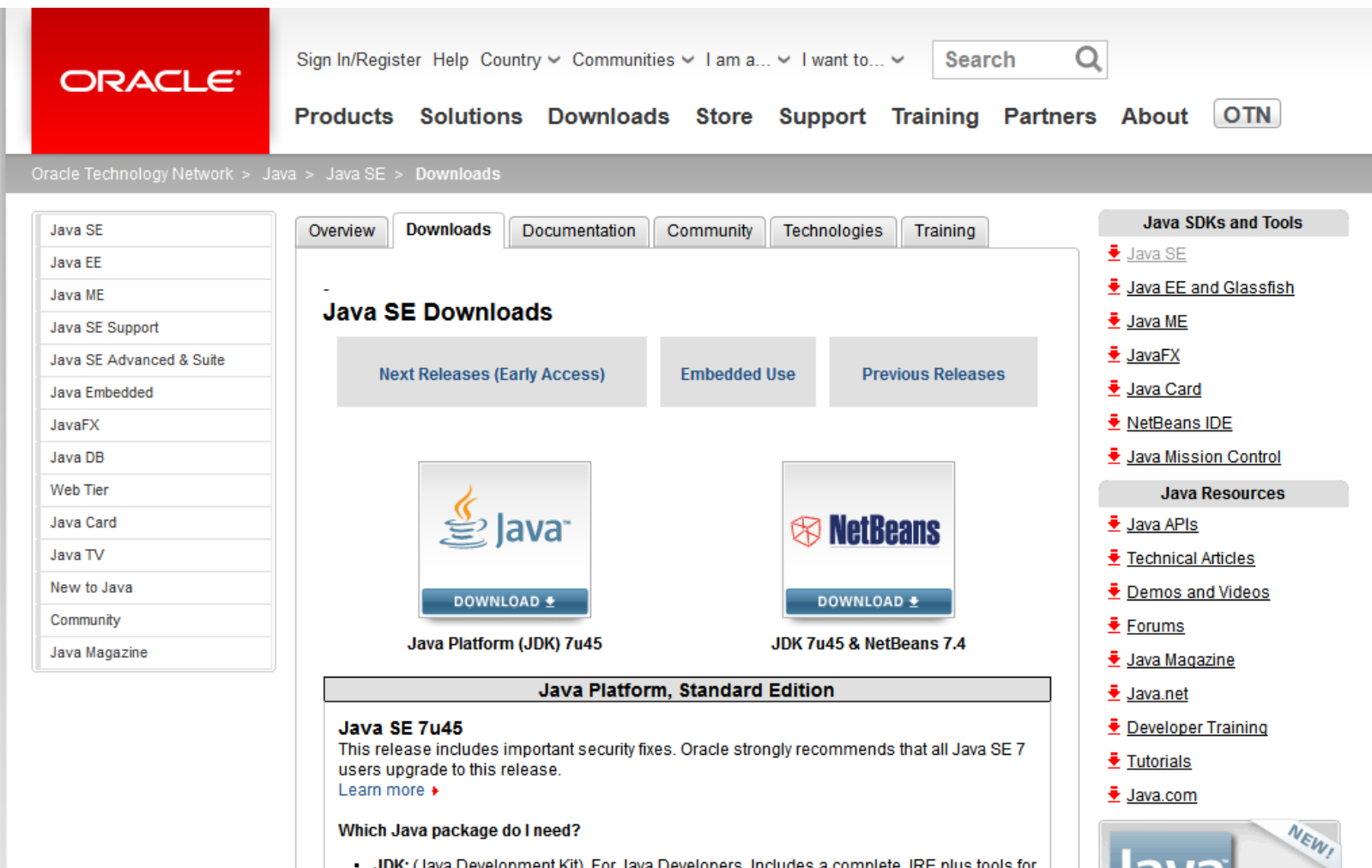
Primeiro passo é necessário que tenhamos o JDK instalado, acesse o endereço a seguir para fazer o download do JDK:

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[www.oracle.com/technetwork/java/javase/downloads/index.html](http://www.oracle.com/technetwork/java/javase/downloads/index.html)



# Instalando o JDK



The screenshot shows the Oracle Java SE Downloads page. The Oracle logo is in the top left. The top navigation bar includes links for Sign In/Register, Help, Country, Communities, I am a..., I want to..., and a Search box. Below this is a secondary navigation bar with links for Products, Solutions, Downloads, Store, Support, Training, Partners, About, and an OTN button. The breadcrumb trail reads: Oracle Technology Network > Java > Java SE > Downloads. On the left is a sidebar menu with links to Java SE, Java EE, Java ME, Java SE Support, Java SE Advanced & Suite, Java Embedded, JavaFX, Java DB, Web Tier, Java Card, Java TV, New to Java, Community, and Java Magazine. The main content area has tabs for Overview, Downloads (selected), Documentation, Community, Technologies, and Training. The 'Java SE Downloads' section features three buttons: Next Releases (Early Access), Embedded Use, and Previous Releases. Below these are two download cards: 'Java Platform (JDK) 7u45' with a Java logo and 'JDK 7u45 & NetBeans 7.4' with a NetBeans logo. Both cards have a 'DOWNLOAD' button. Below the cards is a section titled 'Java Platform, Standard Edition' containing information about 'Java SE 7u45', a link to 'Learn more', and a section 'Which Java package do I need?' with a bullet point for 'JDK: (Java Development Kit). For Java Developers. Includes a complete JRE plus tools for...'. On the right is a sidebar with 'Java SDKs and Tools' (listing Java SE, Java EE and Glassfish, Java ME, JavaFX, Java Card, NetBeans IDE, Java Mission Control) and 'Java Resources' (listing Java APIs, Technical Articles, Demos and Videos, Forums, Java Magazine, Java.net, Developer Training, Tutorials, and Java.com). A 'NEW!' badge is visible at the bottom right of the sidebar.

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## Java SE Downloads

Next Releases (Early Access) Embedded Use Previous Releases



**Java Platform (JDK) 7u45**

DOWNLOAD



**JDK 7u45 & NetBeans 7.4**

DOWNLOAD

### Java Platform, Standard Edition

**Java SE 7u45**  
This release includes important security fixes. Oracle strongly recommends that all Java SE 7 users upgrade to this release.  
[Learn more](#)

**Which Java package do I need?**

- **JDK:** (Java Development Kit). For Java Developers. Includes a complete JRE plus tools for

### Java SDKs and Tools

- Java SE
- Java EE and Glassfish
- Java ME
- JavaFX
- Java Card
- NetBeans IDE
- Java Mission Control

### Java Resources

- Java APIs
- Technical Articles
- Demos and Videos
- Forums
- Java Magazine
- Java.net
- Developer Training
- Tutorials
- Java.com

**NEW!**

# Instalando o Eclipse

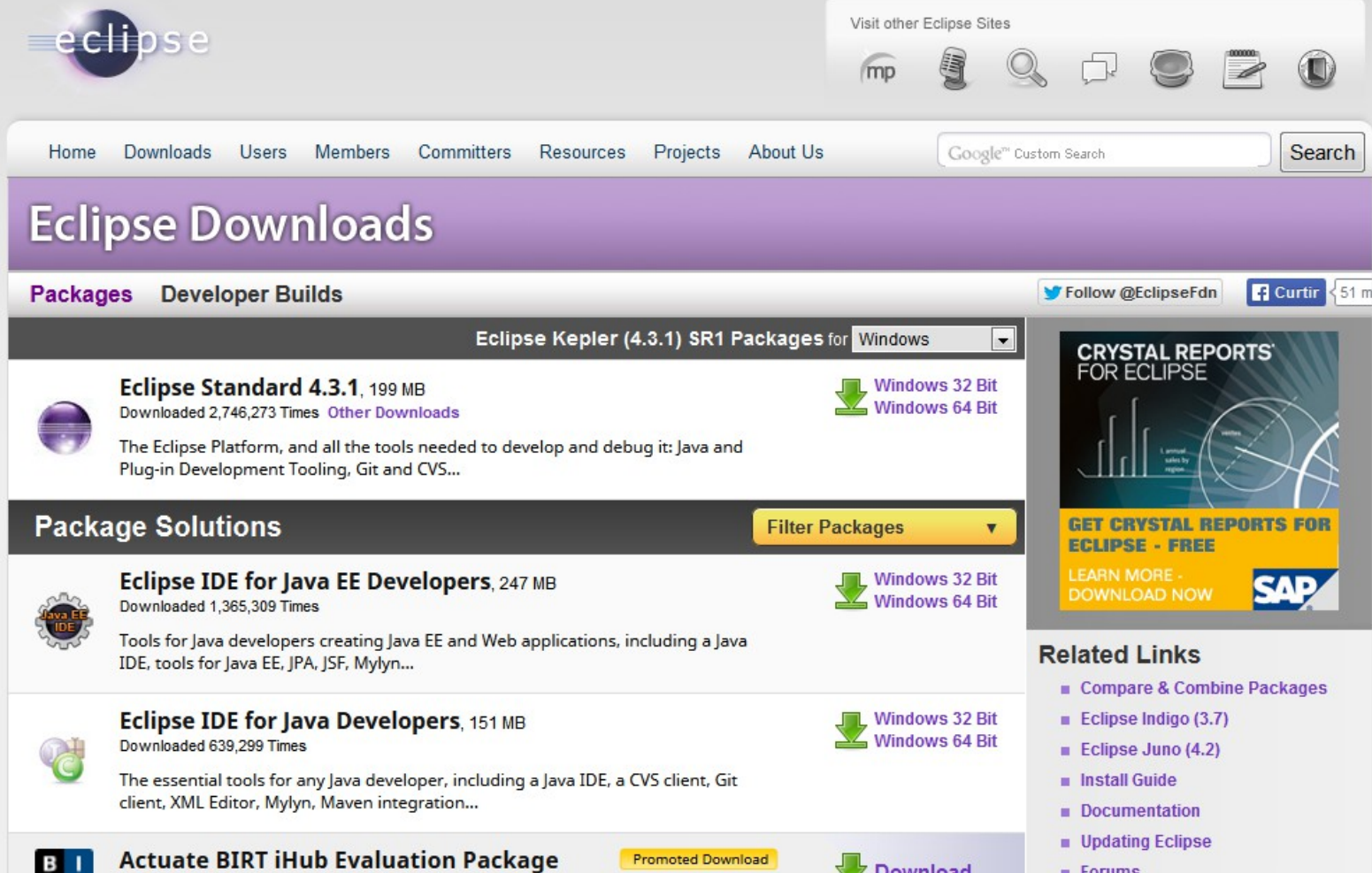
A IDE mais comum para trabalhar com Java é o Eclipse, plataforma de desenvolvimento de código aberto.

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<http://www.eclipse.org/downloads/index.php>



# Instalando o Eclipse



The screenshot shows the Eclipse Downloads website. At the top, there's a navigation bar with links: Home, Downloads, Users, Members, Committers, Resources, Projects, and About Us. A Google Custom Search bar is also present. Below the navigation bar, the main heading is "Eclipse Downloads". There are tabs for "Packages" and "Developer Builds". The "Packages" tab is active, showing "Eclipse Kepler (4.3.1) SR1 Packages for Windows". The first package listed is "Eclipse Standard 4.3.1, 199 MB", which has been downloaded 2,746,273 times. It includes a description: "The Eclipse Platform, and all the tools needed to develop and debug it: Java and Plug-in Development Tooling, Git and CVS...". Below this, there's a "Package Solutions" section with a "Filter Packages" button. It lists two packages: "Eclipse IDE for Java EE Developers, 247 MB" and "Eclipse IDE for Java Developers, 151 MB". Both have download counts and descriptions. At the bottom, there's a "Promoted Download" for "Actuate BIRT iHub Evaluation Package". On the right side, there's a sidebar with social media links (Twitter, Facebook), a "CRYSTAL REPORTS FOR ECLIPSE" advertisement, and a "Related Links" section with links to "Compare & Combine Packages", "Eclipse Indigo (3.7)", "Eclipse Juno (4.2)", "Install Guide", "Documentation", "Updating Eclipse", and "Forums".

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## Eclipse Downloads

Packages Developer Builds

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### Eclipse Kepler (4.3.1) SR1 Packages for Windows

**Eclipse Standard 4.3.1**, 199 MB  
Downloaded 2,746,273 Times [Other Downloads](#)

The Eclipse Platform, and all the tools needed to develop and debug it: Java and Plug-in Development Tooling, Git and CVS...

Windows 32 Bit  
Windows 64 Bit

### Package Solutions

Filter Packages

**Eclipse IDE for Java EE Developers**, 247 MB  
Downloaded 1,365,309 Times

Tools for Java developers creating Java EE and Web applications, including a Java IDE, tools for Java EE, JPA, JSF, Mylyn...

Windows 32 Bit  
Windows 64 Bit

**Eclipse IDE for Java Developers**, 151 MB  
Downloaded 639,299 Times

The essential tools for any Java developer, including a Java IDE, a CVS client, Git client, XML Editor, Mylyn, Maven integration...

Windows 32 Bit  
Windows 64 Bit

**Actuate BIRT iHub Evaluation Package** Promoted Download Download

### CRYSTAL REPORTS FOR ECLIPSE

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LEARN MORE - DOWNLOAD NOW

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### Related Links

- Compare & Combine Packages
- Eclipse Indigo (3.7)
- Eclipse Juno (4.2)
- Install Guide
- Documentation
- Updating Eclipse
- Forums