

The Spoken Tutorial project

- *Self explanatory - uses simple language
- *Audio-video - uses multisensory approach
- *Small duration - has better retention
- *Learner-centered - learn at your own pace
- *Learning by doing - learn and practice simultaneously
- *Empowerment - learn a new FOSS

Target Group

- *Students - High School and College
- *Working professional - Software users, developers and trainers
- *Research scholars
- *Community at large

Workshops

The Spoken Tutorial Projects Team conducts workshops on NetBeans and other FOSS using Spoken tutorials and gives certificates to those who pass an online test.

or more details, please write to
contact@spoken-tutorial.org

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Spoken Tutorial



National Mission on Education through
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www.sakshat.ac.in

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NetBeans

NetBeans IDE is a free, open-source, cross platform IDE with built-in-support for Java Programming Language. Developed primarily for Java, Netbeans also supports other languages, in particular PHP, C/C++ and HTML5. It is also an application platform framework for Java desktop applications and others.

The NetBeans IDE is written in Java and can run on Windows, OS X, Linux, Solaris and other platforms supporting a compatible JVM.

The NetBeans Platform allows applications to be developed from a set of modular software components called modules. Applications based on the NetBeans Platform can be extended by third party developers.

The NetBeans Platform provides a reusable framework for simplifying the development of Java Swing desktop applications. The Net Beans IDE bundle for Java SE contains what is needed to start developing; no additional SDK is required.

Applications can install modules dynamically. Reinstalling an upgrade or a new release does not force users to download the entire application again.

The platform offers reusable services common to desktop applications, allowing developers to focus on the logic specific to their application. Among the features of the platform are:

- User interface management (e.g. menus and toolbars)
- User settings management
- Storage management (saving and loading any kind of data)
- Window management
- Wizard framework (supports step-by-step dialogs)
- NetBeans Visual Library

Netbeans Offers/ Features:

Fast & Smart Code Editing

The NetBeans Editor indents lines, matches words and brackets, and highlights source codesyntactically and semantically. It also provides code templates, coding tips, and refactoring tools.

Easy & Efficient Project Management

Keeping a clear overview of large applications, with thousands of folders and files, and millionsof lines of code, is a daunting task. NetBeans IDE provides different views of your data, from multiple project windows to helpful tools for setting up your applications and managing them efficiently.

Rapid User Interface Development

Design GUIs for Java EE, Java SE, and Java MEapplications quickly and smoothly by dragging and positioning GUI components from a paletteinto the NetBeans Editor

Write Bug Free Code

The cost of buggy code increases, the longer it remains unfixed. NetBeans provides static analysis tools, especially integration with the widely used FindBugs tool, for identifying and fixing common problems in Java code.

Live Parsing

The IDE parses the source code live, while you type. This way the editor is able to immediately mark errors and highlight occurrences.

Navigation

Use the Navigator's Members and Hierarchy Inspectors to navigate fast within files. The error stripe gives you an immediate overview of all highlighted lines in a file. With a single click,you jump to errors, hints, annotations or search results.

