eclipse

Eclipse Is…

An open source community of tools, projects, and collaborative working groups

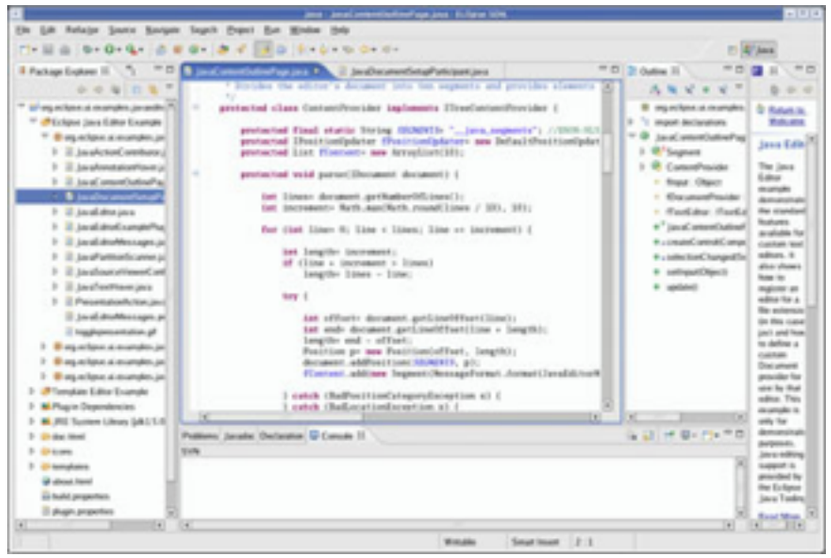
Desktop IDEs

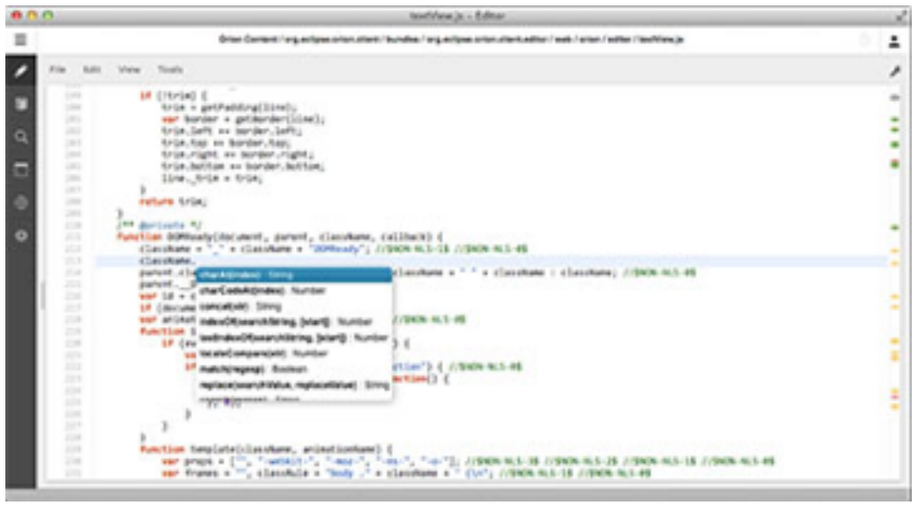
Famous for the Java Integrated Development Environment
Support for C/C++, Fortran, Python, and more…

Java

C/C++

Parallel Tools





Cloud IDEs

Browser based development with hosted workspaces
or install desktop packaging

ORION EclipseChe dirigible

Tools

A huge collection of tools can be easily installed into your Eclipse desktop IDE, including GUI builders and tools for modeling, charting and reporting, testing, and more.

Marketplace

Easily find, install, and vote for new plug-ins from a vast ecosystem of providers.

Extend

Extend the desktop and web-based IDEs by writing your own plug-ins using the Plug-in Development Environment (PDE)

Community of Projects

Eclipse has over 250 different open source projects. Many know the IDE, but there are is also a huge ecosystem that spans business reporting to embedded device development to parallel computing.

Eclipse encourages and supports new project proposals!

Collaborative Working Groups

Eclipse **Working Groups** allow for organizations to collaborate in the development of new innovations and solutions. The Eclipse Foundation is a great place to host new collaborations that follow best practices and are based on open source principles.

PolarSys

LTS ECLIPSE.ORG

iot eclipse.org

LocationTech

SCIENCE eclipse.org

openMDM Measured Data Management

eclipse AUTOMOTIVE

Governance

Intellectual Property Management

Development Process

Infrastructure

Ecosystem Development

Research@Eclipse

Science Working Group

UPPSALA
UNIVERSITET

Created as a collaboration center for science software, the Science Working Group aims to solve the problem of making science software inter-operable and interchangeable.

SWG is a collaboration involving industry, academia, and government to develop reusable open source software for scientific research.

Current Projects

- **Triquetrum** - an open platform for managing and executing scientific workflows
- **Eclipse ICE** - an integrated computational environment
- **DAWNSci** - a data analysis workbench
- **ChemClipse** - workbench for the analysis of analytical chemistry data
- **Advanced Visualization** - 1D, 2D, and 3D visualization toolkit for data analysis and post-processing