

# PLASTIC SCM

## OVERVIEW

Plastic SCM brings fresh air to the SCM/ version control market. The innovative software is based on different new aspects both on its design as in the way the information is handled. It brings powerful task-based parallel development, full control over your changes and useful and stunning visualization techniques, offering high-end features at a very good price. And not only this, it is also the best option if you are interested on a system providing good scalability, as it scales to accommodate small workgroups as well as large and geographically distributed companies.

### Easy Installation and Administration

Installing Plastic SCM and start working is an easy process that takes only a few minutes, there is no need of installing any third party software, and it does not impose complex requirements. Users training can be minimized to hours and developers can be experts in a very short time, opposed to other systems requiring even one administrator for a few developers.

It also offers many easy-to-use features that would help you get what you want quickly and without headaches.

And you can always count on Codice support and forum if you need any help for your Plastic SCM usage.

### Parallel Development

Companies seeking to get the best out of their development team and increase their productivity will find that introducing parallel development is essential as it implies that different developers are able to include changes at the same time on the same code base. Plastic SCM is able to manage thousands of branches on a single repository with no restriction, providing easy and effective management of files through the development cycle.

Workspaces provide private branches for every developer, allowing the team to work independently and in parallel on a common code base; it protects each developer's code

base from changes made by other team members.

This method guarantees not only a higher stability on the project but also an improved coordination on the activities carried out.

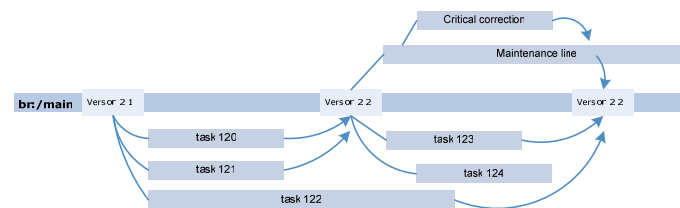


Figure 1. Parallel Development Project Structure

As shown on Figure 1, you can properly control the evolution of a project managed with an SCM which supports parallel development.

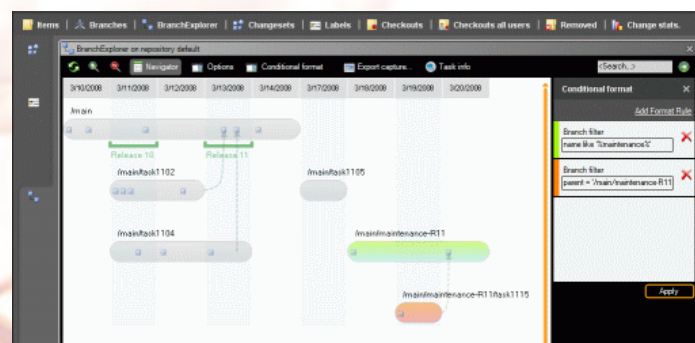


Figure 2. Entire project branching structure

### Control your development

The project manager can always see which revisions are included in each branch and track every change included as well as see who has made each change. At any time you can see which files are being modified.

Through the statistics tool, you can also have a clear view of your development. The application shows the changes that each of the system users have done and which have been the items changed, which allows you to see which are the most active users or which items carry a higher workload. And furthermore...the application is interactive, whenever a user is selected; his workload is divided into as many parts as items that the user has changed (as shown on the right side of the image). And on the item's side the changes done by that

particular user on each of the items is highlighted, showing the items on which the user invests more or less time.

Regarding integration, it is always controlled through parallel development; you can choose which changes are to be included on each of the releases and your code will never be lost.

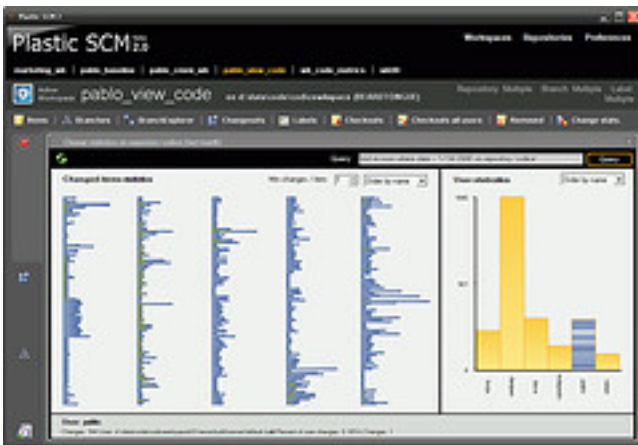


Figure 3. Statistics tool

### Remote and Distributed Development

Plastic offers the power of Configuration Management anywhere you are, it supports geographically distributed development environment through its TCP/IP based client/ server structure. It does not matter whether your colleague is in the same office as you are or in another country.

Plastic SCM distributed system is very easy to use and offers customizable options for each company, allowing them to decide among different working methods. As distributed environments are becoming a reality for software development, coordinating the efforts of development teams is one of the biggest challenges faced by today's companies. Depending on each organization needs and their structure, the most suitable SCM working pattern will be chosen. Plastic SCM supports the traditional distributed method, multisite and off-line.

### Security

Plastic SCM implements ACLs for each of the elements defined in the system and for each of the users or user groups. Through this method each company is free to decide which security policy they want to implement, not being restricted by tool limitations.

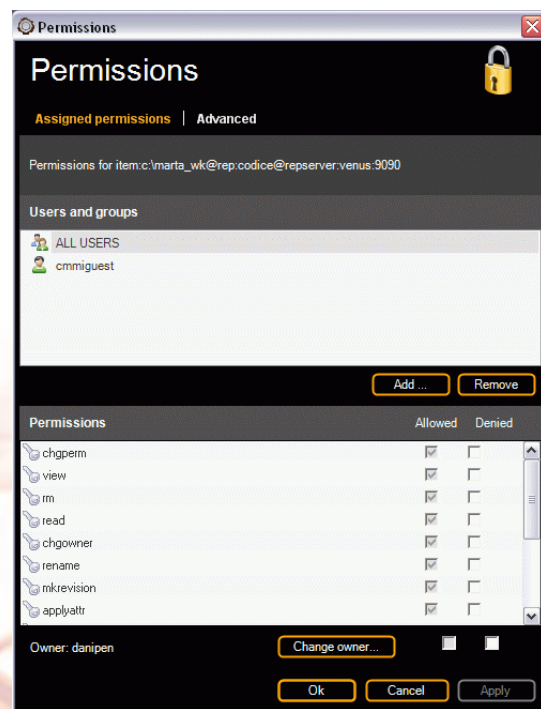


Figure 4. Sample Permissions Dialog

### PLASTIC SCM Actual Cost

There are various configuration management systems, going from free tools to 5000\$-per-user tools so it is essential to find the right tool at the right price.

Opposed to the free systems, Plastic SCM offers more advanced features in order to increase to a much higher level both productivity and control; and further more, it offers technical support provided by the producer, which does make a difference, as well as training so your team does not have to fight for hours with a complicated SCM before starting to understand how to use it.

Opposed to other commercial teams, Plastic SCM offers a very good price for a very powerful tool; only the most expensive systems can be technically compared to Plastic SCM.

And the client is not just saving money by paying a fair price for the system; the team is saving time, which is money. Plastic SCM saves each of your developers several hours per week through its improvements:

- A higher control over the main line and over its integrations reduces time by avoiding error propagation.
- Each developer will be able to work independently from the rest of the team and therefore if a mistake is made it will not be propagated to the rest of the team.
- Your team will be collaborating closely.

And furthermore, usage of Plastic SCM does not impose purchasing any third party licenses.

## Reliability

Plastic SCM license includes full support. Our technical support staff will be available to set up your tool and adapt your process to improve your productivity and get the best out of Plastic SCM.

You can contact our support team via email: [support@codicesoftware.com](mailto:support@codicesoftware.com) or you can post your question or comment on our forum: [www.plasticscm.net](http://www.plasticscm.net).

Through our [blog](http://codicesoftware.blogspot.com/) (<http://codicesoftware.blogspot.com/>) you can always be updated on new releases and useful information.

## Integrations

- Eclipse
- Visual Basic
- Visual Studio 6.0 2003, 2005
- JDeveloper
- TTS
- Jira
- Ontime (Axosoft)
- Bugzilla
- Trac
- Mantis

- CruiseControl
- DevTrack

## System Requirements

- 30 MB hard disk space
- 128 MB RAM (512 recommended)
- Windows 2000, Windows 2003, Windows NT and Windows Vista
- Mac OS X 10.3 or later
- Solaris 8 or later
- Linux: RedHat, Suse or Fedora
- Mono runtime 1.2.3 for Mac, Solaris and Linux

