

Compare for Yourself Plastic SCM vs ClearCase

Plastic SCM vs ClearCase

By design, Plastic SCM speeds and secures software development, supporting Agile and Parallel methodologies in both local and distributed environments. For development teams of five or 500 members, comprising developers, partners and vendors, Plastic SCM is a robust and affordable Software Control & Configuration Management system, delivering enterprise-class functionality to maximize collaboration efficiency throughout the software development lifecycle. ClearCase is a legacy SCM system. ClearCase has enjoyed a long life span and some early popularity but, it has a reputation for poor performance and high costs for ongoing license fees and system administration. By comparison, Plastic SCM is the next generation SCM system which helps development teams develop code faster, discover problems sooner, deliver higher quality and distribute product rapidly.

Speed

- Plastic SCM is an order of magnitude faster than ClearCase for all operations including LAN/WAN/VPN network operations.
- ClearCase is a slow client-server system.

Easy to Use and Administer

- Plastic SCM installs in minutes, has a small footprint, and requires minimal administration.
- ClearCase requires a dedicated administrator, adding substantial effort and cost to over-worked staff and tight budgets

ACL-Based Security System

- Plastic SCM is designed around ACLs. With just a few clicks, administrators and project managers can easily fine tune the security rights.
- ClearCase requires a dedicated system administrator to craft triggers to emulate security rules because it does not have a built-in security system.

Changesets

- Atomic commits and changesets are essential in any modern SCM system assuring database stability and providing critical usability features such as diffing and merging changesets.
- Plastic SCM was designed to support changesets
- ClearCase does not support changesets.

Visualization

- Plastic SCM redefined traditional version tree visualization with the Plastic SCM 3D version tree. Visualization is a centerpiece in Plastic SCM. For example, using Plastic SCM's branch explorer, users can perform every action graphically.
- ClearCase implements some arcane drawings for release and version trees.

Plastic SCM vs ClearCase

Cost

- Plastic SCM offers a range of per-user and site license options that are affordable and flexible.
- ClearCase can cost thousands of dollars per user per year, plus the cost of an administrator.

Truly Distributed Development

- Plastic SCM was designed to operate easily and efficiently in the demanding distributed environments on laptops, desktops, on the go and in virtual offices or across geographically dispersed sites. Replicating a branch or a repository is simple because Plastic SCM is not tied to a client-server working model - teams have full write access to repositories, allowing changes to be bi-directionally synchronized and reconciled. Developers can also work offline anytime anywhere.
- ClearCase implements “*multi-site.*” This is slow, aging technology.

Feature Matching

- Plastic SCM is the only tool featuring all the ClearCase core functionality such as our selectors (compare to configspecs) and Plastic SCM outperforms ClearCase with many additional capabilities.
- ClearCase offers configurable views, config specs and many other features included in Plastic SCM.

Evolution

- Plastic SCM is the next generation SCCM product. It is used by thousands of developers worldwide whose feedback is monitored for new features and functionality to meet their changing needs. Plastic SCM evolves in tune with the market offering new features releases quarterly.
- ClearCase is at the end of its lifecycle, having been acquired twice, and it is no longer a dynamic rapidly evolving product.

***Plastic SCM is the next generation SCM system which allows development teams to:
Develop code faster • Discover problems sooner • Deliver higher quality • Distribute product rapidly.***

Visit www.codice software today to download a free trial!