Setting up a source code repository involves a lot of work, as well as research into industry best practices. The ECC removes this burden from development by offering git repositories with a full web-based GUI management tool for pull requests, history, tagging, and branching to every ECC-hosted project.

Writing code is core to every development effort but good tests are just as essential. The ECC encourages the use of tests as the true measure of how well your code works. With version control and soon-to-be-integrated and automated test runners, you can always know your code works... because your tests prove that it does.

The days of a developer storing code and documentation on her personal laptop are long gone. In today’s development world, code belongs in a repository where a team can access it. Better still, effective development teams communicate through online documentation using wikis and are constantly recording issues, features, and bugs through online ticketing systems. The ECC provides all of these tools to make your project current and team-friendly.

Ultimately, code is for users. The ECC will offer the ability to easily deploy a build—or multiple builds—of your code to a variety of servers. This deployment is tightly coupled with your automated tests, as well, ensuring that your code is not just available to your users, but that it works when your users see it.

Most development teams want to code, not set up and manage wikis and documentation web pages. Every project registered through the ECC receives a completely configurable Confluence wiki space. Teams can manage their own spaces and quickly interact with other team members as well as customer and stake holders.

The JIRA bug tracking system—a part of the tool suite every ECC-registered project receives—provides complete code life cycle management. From estimating a ticket to resolving issues, the ECC supplies the tools you need. Agile development is supported through sprint planning and tracking as well.