

CASE STUDY: Tools Development for Carbide, an Eclipse based IDE

The Challenge:

Cell Telecom enhanced and extended the Carbide IDE (Integrated Development Environment) to increase developer efficiency and satisfaction.

How We Met the Challenge:

- Structured interviews with key staff across the organisation to understand the current satisfaction levels and requirements.
- Workshops with end users and stakeholders to create formal requirements, prioritised according to desirability and ease of implementation.
- An Agile-based project team is implementing the requirements in a series of sprints from a pipeline of work that is actively managed between Cell Telecom Ltd and Symbian Ltd.
- Key features are short development cycles alternating with frequent consultation and follow-up with end users.
- Implementation can include: identification of a commercial tool, adaptation of a commercial tool or building a bespoke tool and deployment of the selected tool.
- The investigation started in spring 2008 with two senior technical staff and grew to a team of seven developers/testers by September 2008.

Competencies deployed to this task:

- Project Management
- Requirement Management
- Work Packages Specification
- JAVA
- Carbide IDE
- Eclipse
- Perforce
- Nearshore outsourcing



Mobile Development competence areas:

Symbian OS, S60, iPhone, Windows mobile, J2ME, Android, Carbide IDE, MS Visual Studio, Device Drivers, Multimedia, Graphics, Bluetooth, Messaging, Telephony, Location Based Services, HP Mercury Quality Centre (MQC), QTP, TestQuest, Perforce, ClearCase.