plasticscm

Big software, meet Plastic

Version Control for large-scale software projects

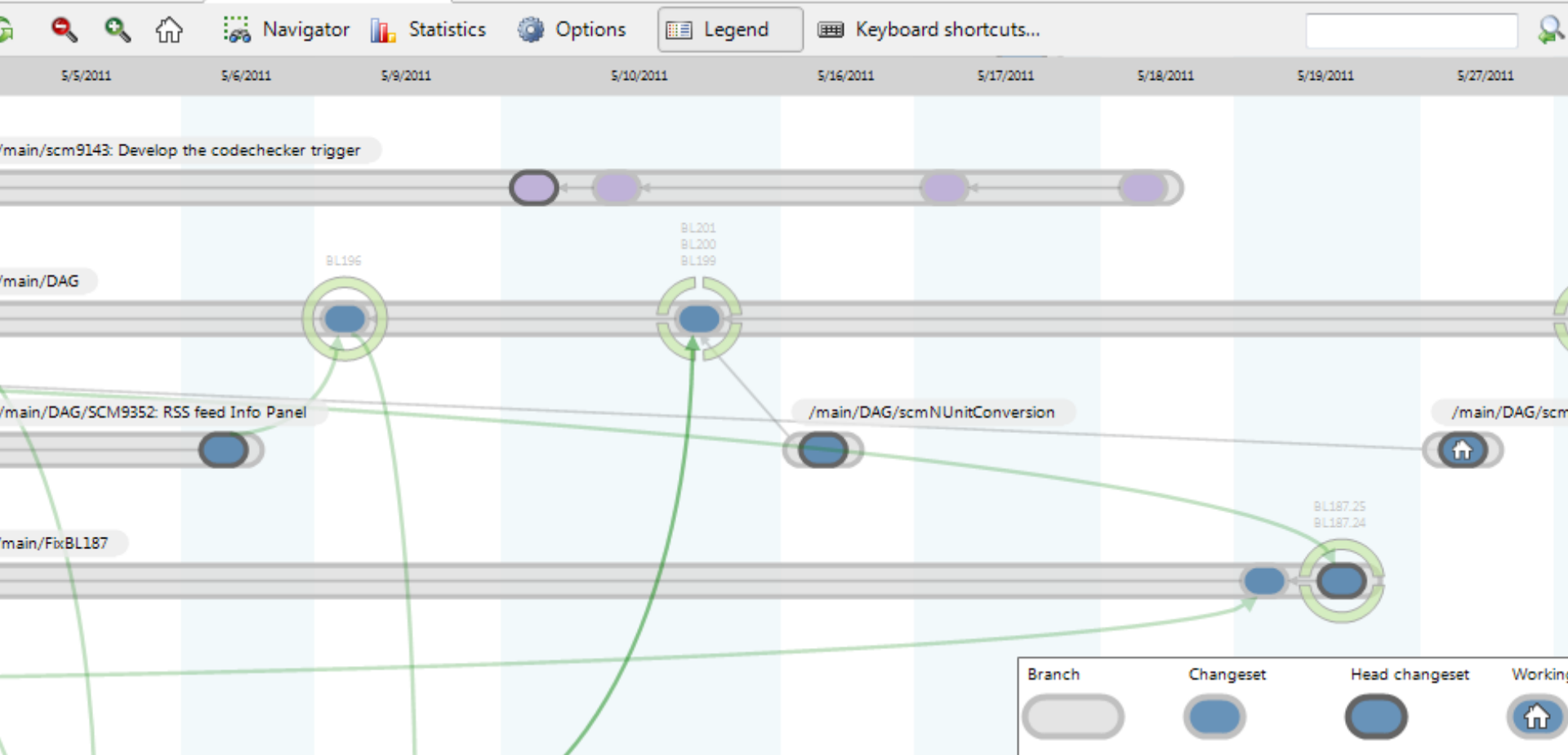**Francisco Monteverde**

CEO Codice Software

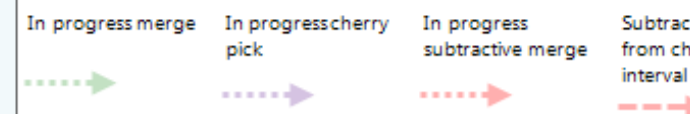fm@codicesoftware.com

"The Cadillac of the SCMs" - *eWeek*

www.plasticscm.com
@plasticscm

Computers, Mobile Phones, Tablets, Internet Services, Video Games, Consoles, Financial Services, Telecommunications, Automobiles, Transportation, Healthcare, Commerce, Distribution, Industrial Manufacturing… …

TODAY SOFTWARE IS ALMOST EVERYWHERE….AND INCREASING

VERSION CONTROL IS AN ESSENTIAL FUNCTION WITHIN SOFTWARE DEVELOPMENT

The Problem with Software Development: Limited Productivity, Low Quality Code

1. **Development in serial mode** (not parallel) creates many dependencies and continuous broken builds

2. **Developers need to be connected** to central server to use the Version Control tool

Distributed Version Control Systems (DVCS)

Introducing Plastic SCM
Branching and Merging is GOOD!

The Only Commercial Enterprise Distributed Version Control Systems (DVCS) for Teams of Any Size, Enabling Parallel and Distributed Development that works

Integrated with Polarion ALM:
Closing the GAP between Requirements & Code

POLARION

Polarion ALM & Plastic SCM Working Together

- Plastic SCM integrates with Polarion using "branch per task" and "task per cset"

- Branches can be created listing the assigned and open tasks

- Alternatively, individual changesets can be linked to Polarion tasks

- Quick access from Plastic SCM GUI to Polarion info

Codice Software
Company Background

Funded	2005
Products	Plastic SCM & Semantic Merge
Investors (VC):	Bullnet Capital
HQ's	Valladolid (Spain) & Silicon Valley Office
Distribution	US/Canda, EU, Israel, South Korea

Some Global Customers:

Microsoft · SAMSUNG · DELPHI · SIEMENS · AMERICA'S NAVY · NASA · Visteon · RICARDO · hp · DENSO · MAPFRE · Rolls-Royce · PANTECH · Sony DADC

Codice Software in US Developer's Press

eWEEK

Jeff Cogswell

Plastic SCM is the Cadillac of the SCM's

Dr.Dobb's
THE WORLD OF SOFTWARE DEVELOPMENT

Adrian Bridgwater

Heavy Refactoring In Parallel? No Problem.
Semantic Merge *World's: First 'Language-Aware' Source Code Merge Tool*

GAMASUTRA
The Art & Business of Making Games

Eric Caoili

Plastic SCM 4.0 solution for game developers, designed in collaboration with Digital Legends Entertainment"

InfoQ
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792,426 Apr unique visitors

Anand Narayanaswamy

GitSync for Plastic SCM with Native Git Protocols and Visual Studio 2012 Support Plastic SCM to push and pull code changes to not only GitHub but also Codeplex, BitBucket or any Git server

SD Times
SOFTWARE DEVELOPMENT

Alex Handy

As GDC opened on March 25, Codice announced a new tool that allows this SCM system to integrate with Git repositories

THE WALL STREET JOURNAL.

WireNews

Codice Software Launches First Language-Aware Source Code Merge Tool

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Codice Software Core Values

1.	**Proven Technology**	• Leading DVCS implementation for Enterprises • 350 man years development (*) • Key Enterprise references
2.	**Customer Focused**	• Flexible to customer improvement demands • Professional support and quick turn around • Assistance in the deployment and to improve the development processes.
3.	**Strive for Excellence**	• Experienced, professional and passionate team fully dedicated to make the best DVCS.

(*) Following COCOMO Model (**Co**nstructive **Co**st **Mo**del, from [Barry W. Boehm](#), 1981)

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"**Please, come and talk to us…**"

Thank you… ☺

Francisco Monteverde

CEO Codice Software

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www.plasticscm.com
@plasticscm

POLARION & PLASTIC SCM INTEGRATION

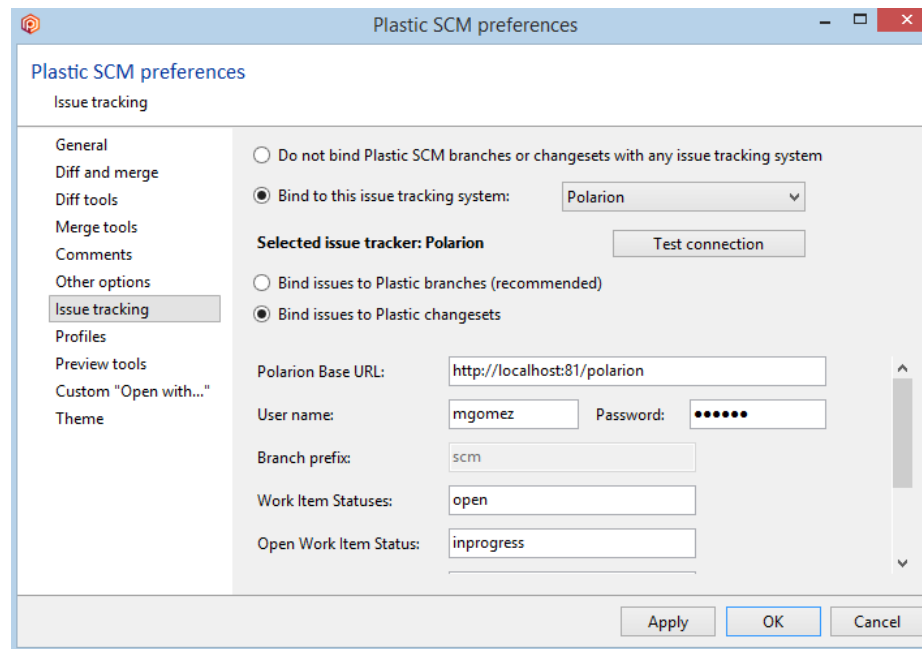# Closing the GAP between Requirements and Code

- Plastic SCM enables teams to implement centralized and distributed workflows and agile branching patterns

- And it integrates with Polarion ALM to close the gap between code and requirements

Polarion ALM & Plastic SCM Working Together

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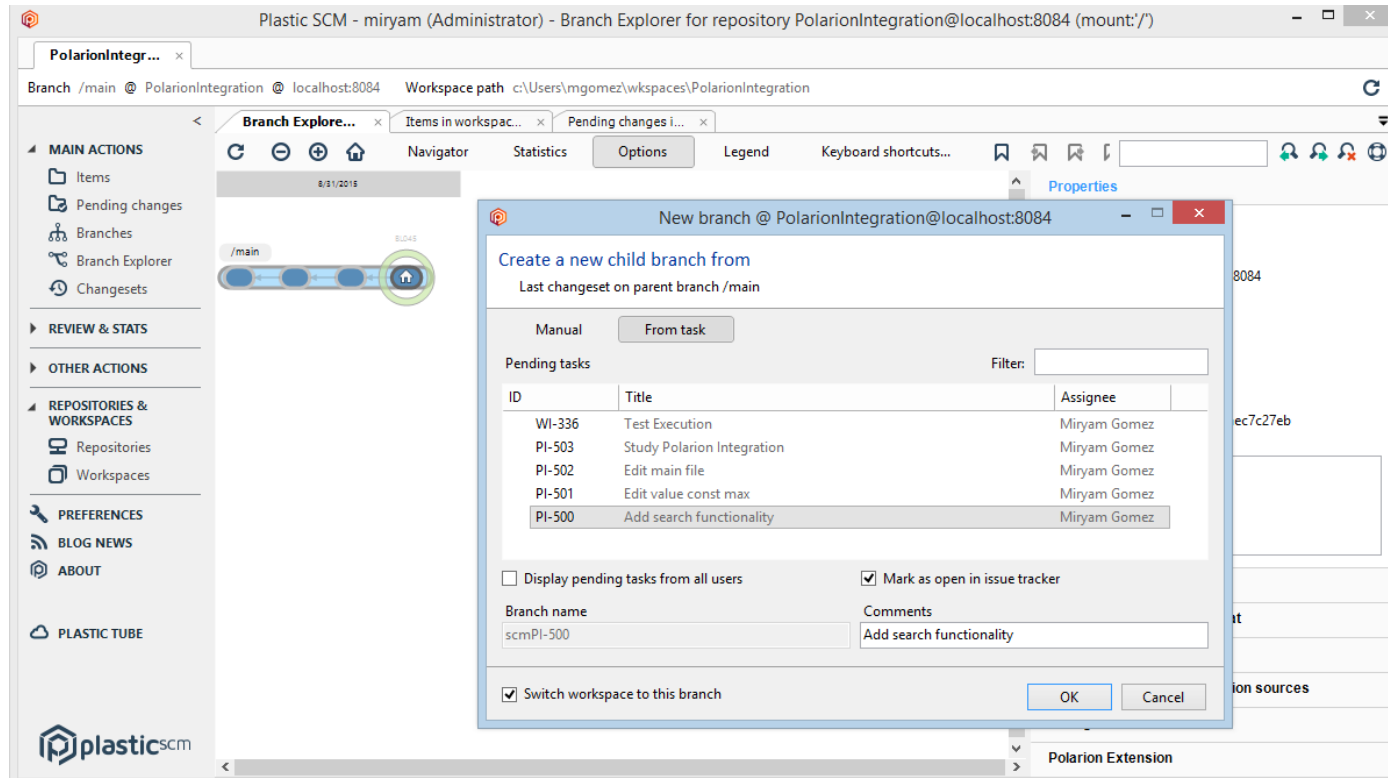- Quick access from Plastic SCM GUI to Polarion info

Polarion

- Plastic SCM integrates with Polarion using "branch per task" and "task per cset".
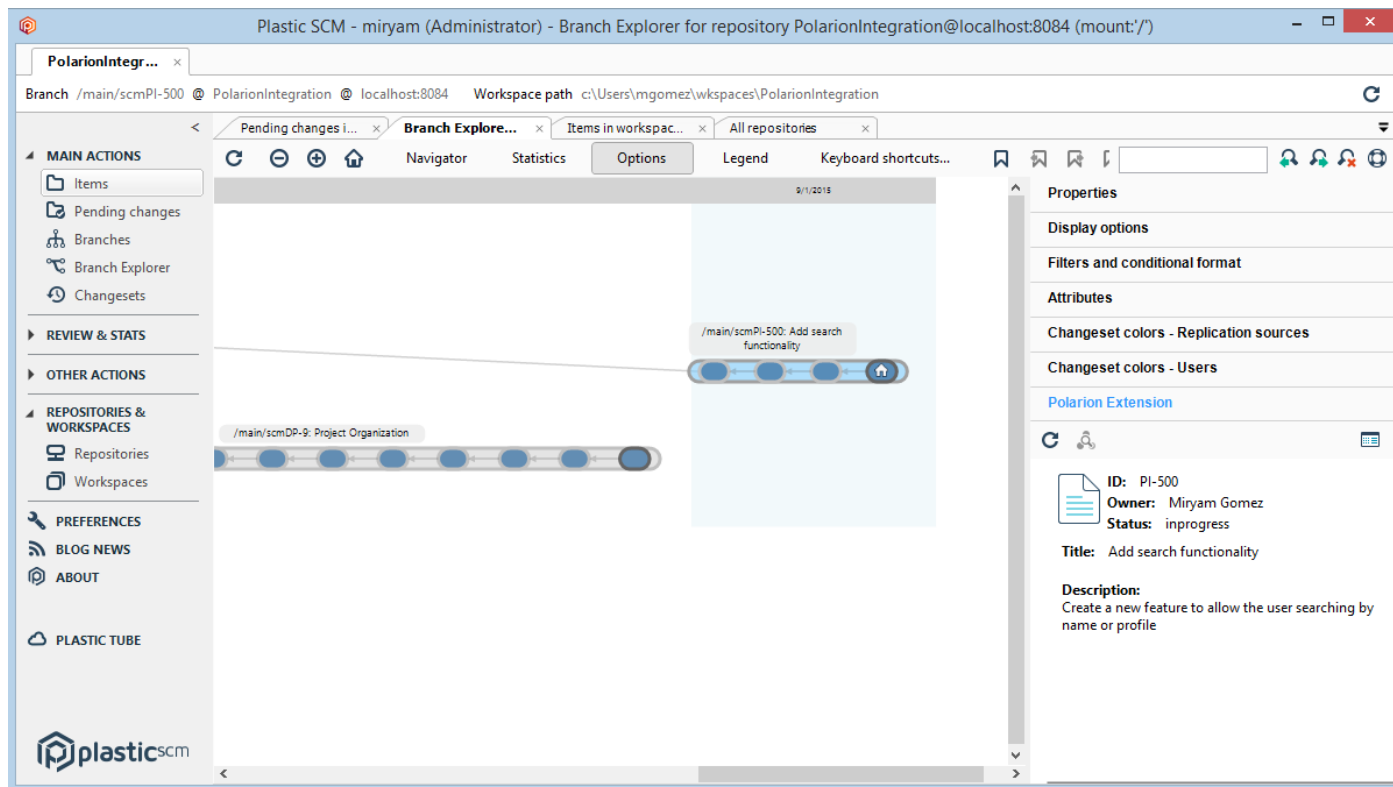
- Both modes can be setup graphically:

Create branches from tasks

- Branches can be created listing the assigned and open tasks
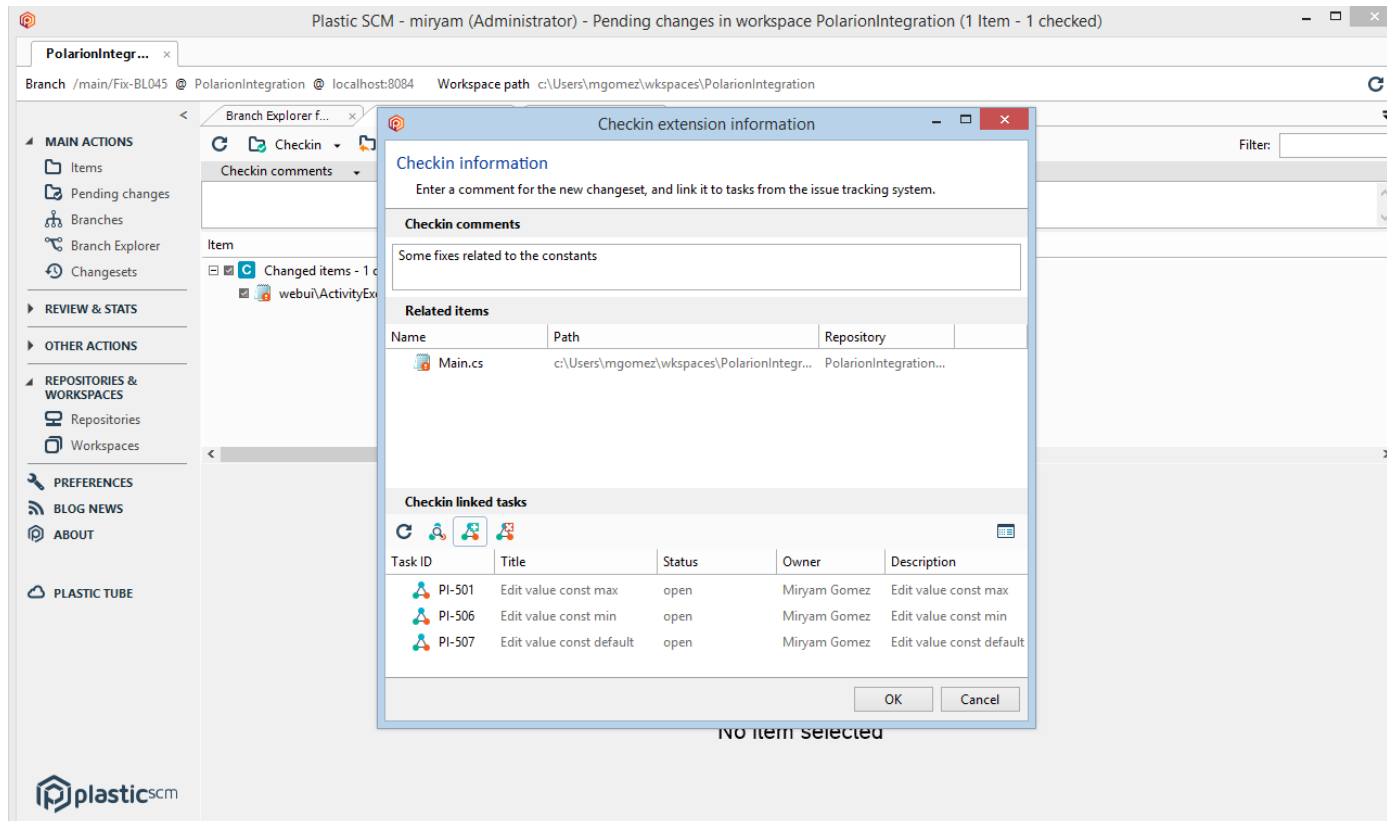
Access to Polarion info

- The Plastic SCM GUI provides quick access to Polarion info

Individiual changeset linking

- Alternatively, individual changesets can be linked to Polarion tasks

Advanced configuration

- Advanced config to choose which work items can be listed from Plastic SCM