How beginners took on the RCP Framework!

5 Golden Rules

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Speakers

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Expert on Solea Project

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Proxy Product Owner on Solea Project
Developer on Solea Project
What is Solea?
Solea: project context

User can ... to ...
8 User can ... to ...
2 User can ... to ...
3 User can ... to ...
3 User can ... to ...
5 User can ... to ...

Sprint
4 weeks

1 day

Highest priorities

All the space you need

AKKA
ASTRIUM
GRAPH THEORY FOR GEEKS

How to learn Eclipse RCP?
"OSGi don’t let me be Misunderstood"
What if my team is all “RCP–newbies”?
Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.

Welcome changing requirements, even late in development. Agile processes harness change for the customer’s competitive advantage.

Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.

Business people and developers must work together daily throughout the project.

Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done.

The most efficient and effective method of conveying information to and within a development team is face-to-face conversation.

Working software is the primary measure of progress.

Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.

Continuous attention to technical excellence and good design enhances agility.

Simplicity—the art of maximizing the amount of work not done—is essential.

The best architectures, requirements, and designs emerge from self-organizing teams.

Regular intervals, the team reflects on how to become more effective, then tunes and adjusts behavior accordingly.
Which can be Eclipse RCP benefits?

LIGHTWEIGHT FRAMEWORKS

DO YOU KNOW HOW TO CALL A SERVICE IN THIS APPLICATION FRAMEWORK?

OF COURSE! IT'S AS EASY AS OPENING A DIALOG WINDOW OR ACCESSING THE DATABASE.

YOU MEAN I HAVE TO FIND SOMEONE WHO HAS DONE THAT ALREADY AND COPY HIS CODE?

YEP
Reuse

Think service

OSGi services

Rich framework

Respect standards
How can I prevent my Eclipse RCP application from having bugs?
All the space you need
Efficient tests

- Coarsed grain
- Automation
- Fine grain
- From start
- 1 bug
- 1 test
Finally! US iPhone users may soon have the opportunity to choose between AT&T and T-Mobile
Eclipse 3
Eclipse 4

 Shall I use dependency onto org.eclipse.ide

 BIRT?
 Custom solution?

 Shall I use EMF?

 TreeViewer?
 CNF?

 Forms?
 SWT?

 OSGi
 Team Continuous Improvement
 Reuse services
 Efficient tests
 Tough choices
Code
continuous improvement

Refactor design

Refactor code
Read eclipse code

Share your experience

Keep your code clean

Tooling

Think simple

Efficient build process

Details matter
Any question(s)?
Thanks!

All the space you need

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