

e(fx)clipse - Tooling and Runtime

Tom Schindl - BestSolution Systemhaus GmbH

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About Tom

- ❖ CEO BestSolution Systemhaus GmbH
- ❖ Eclipse Committer
 - ❖ e4
 - ❖ Platform UI
 - ❖ EMF
- ❖ Projectlead: UFaceKit, Nebula
- ❖ Member of the Architectual Council



What is e(fx)clipse

- ❖ 2 targets
 - ❖ Provide developers JavaFX 2.0 support inside Eclipse IDE
 - ❖ Provide developers an runtime platform ontop of Eclipse 4.x Application Platform and JavaFX

Tooling

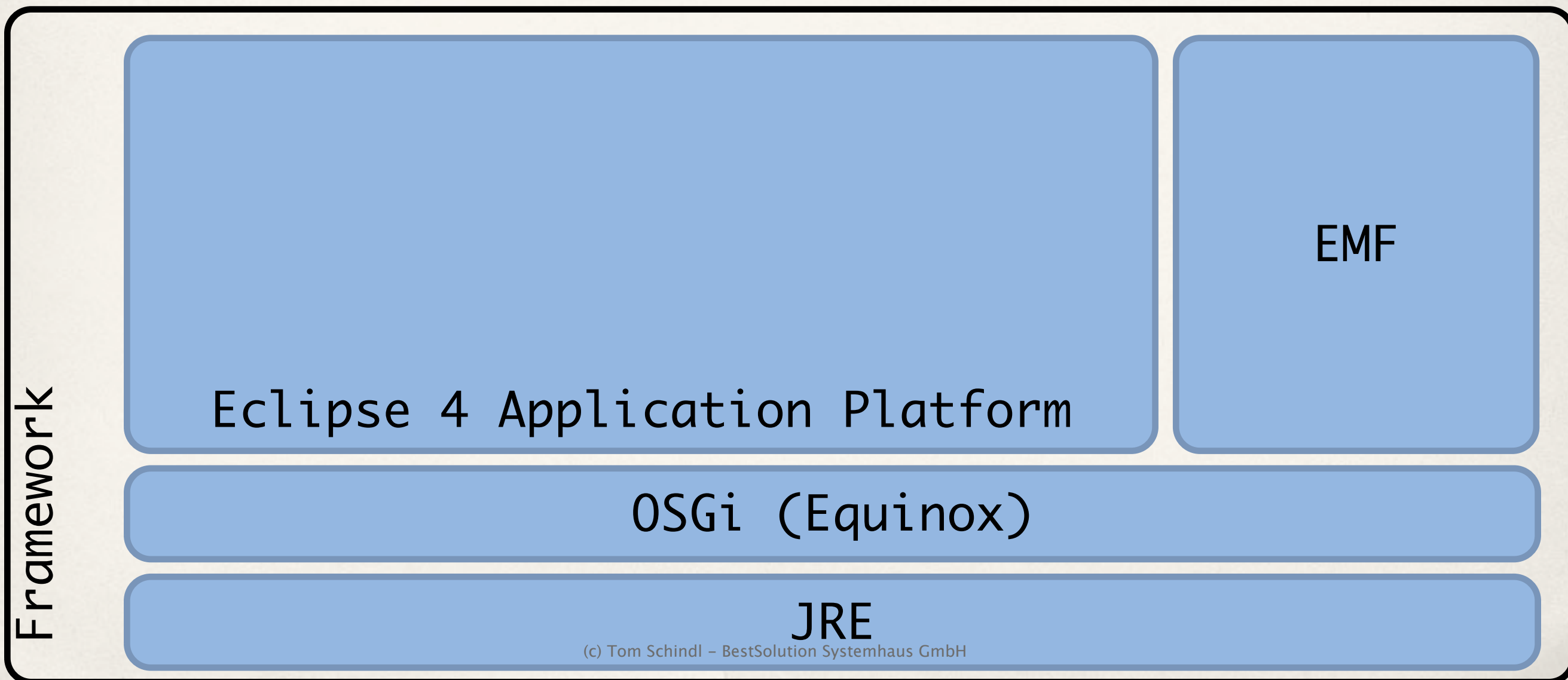
- ❖ Integration into JDT and its wizards
 - ❖ ClasspathLibrary
 - ❖ Wizards
- ❖ Integration into PDE
 - ❖ Enhanced PDEClasspathContainer

Runtime

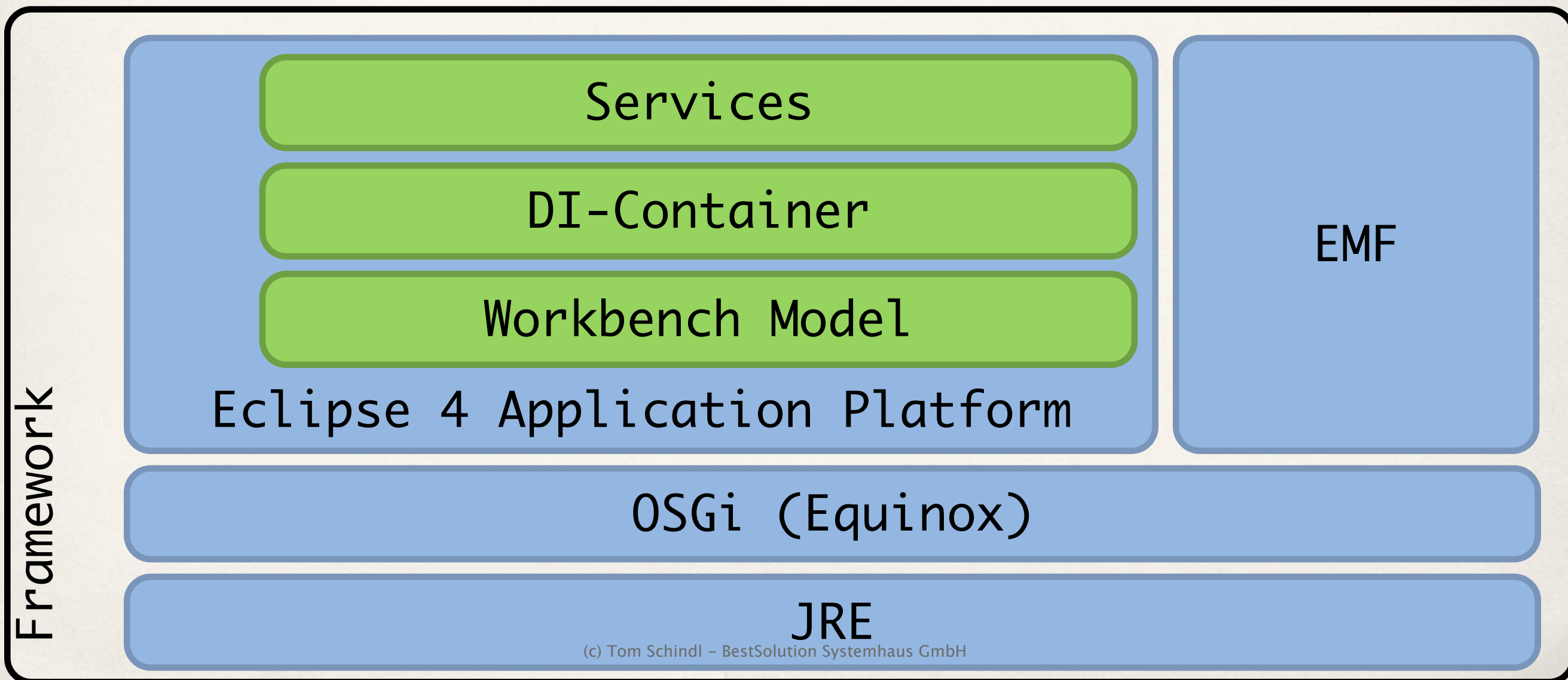
- ❖ Make JavaFX runnable inside OSGi
 - ❖ Adaptor Hooks are used to wire things up inside OSGi
 - ❖ Support for JavaFX' FXML to work inside OSGi (=solve classloading problem)
- ❖ Support for DI
 - ❖ Guice
 - ❖ Eclipse DI

JavaFX + EAP

JavaFX + EAP

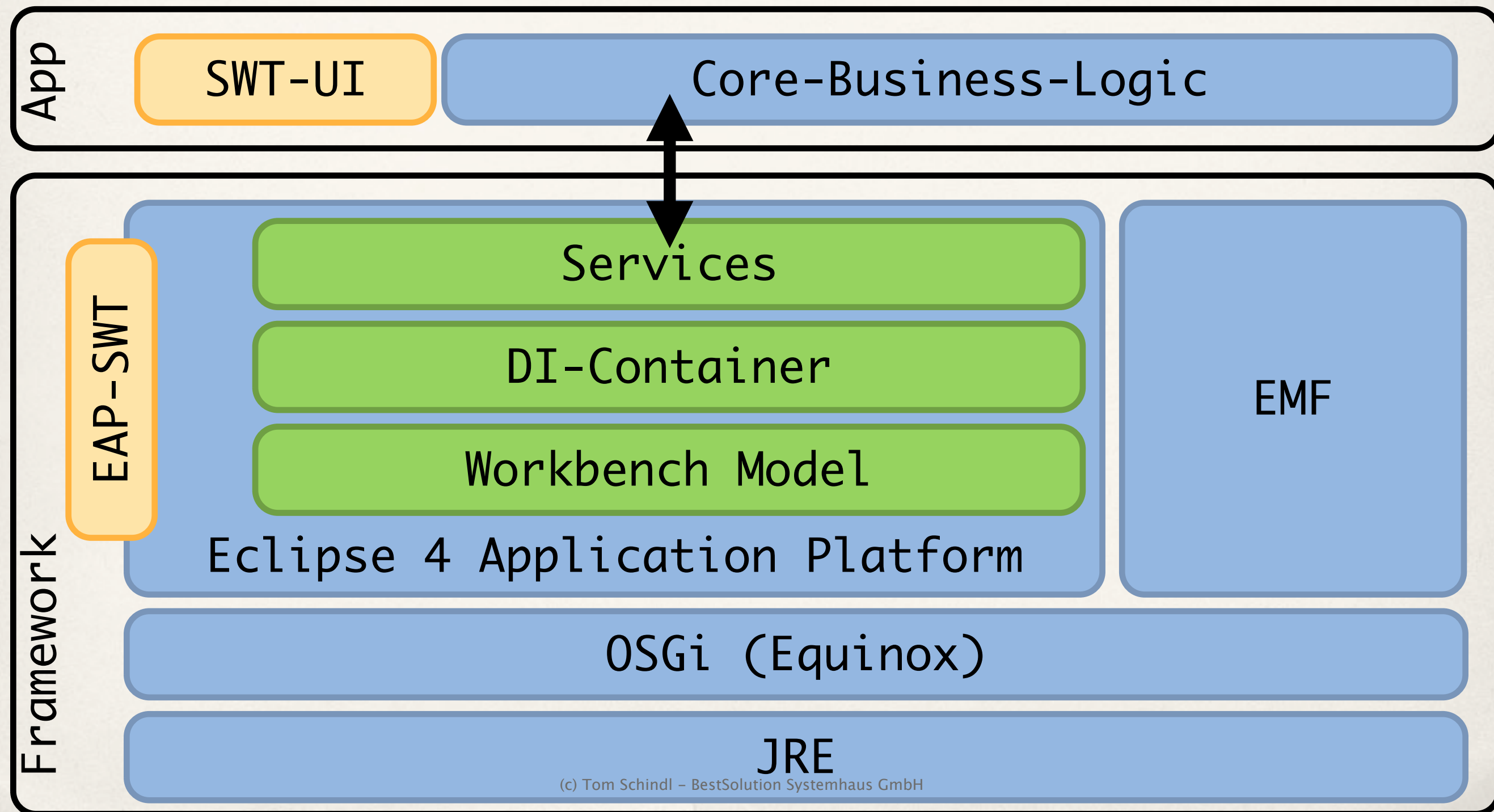


JavaFX + EAP

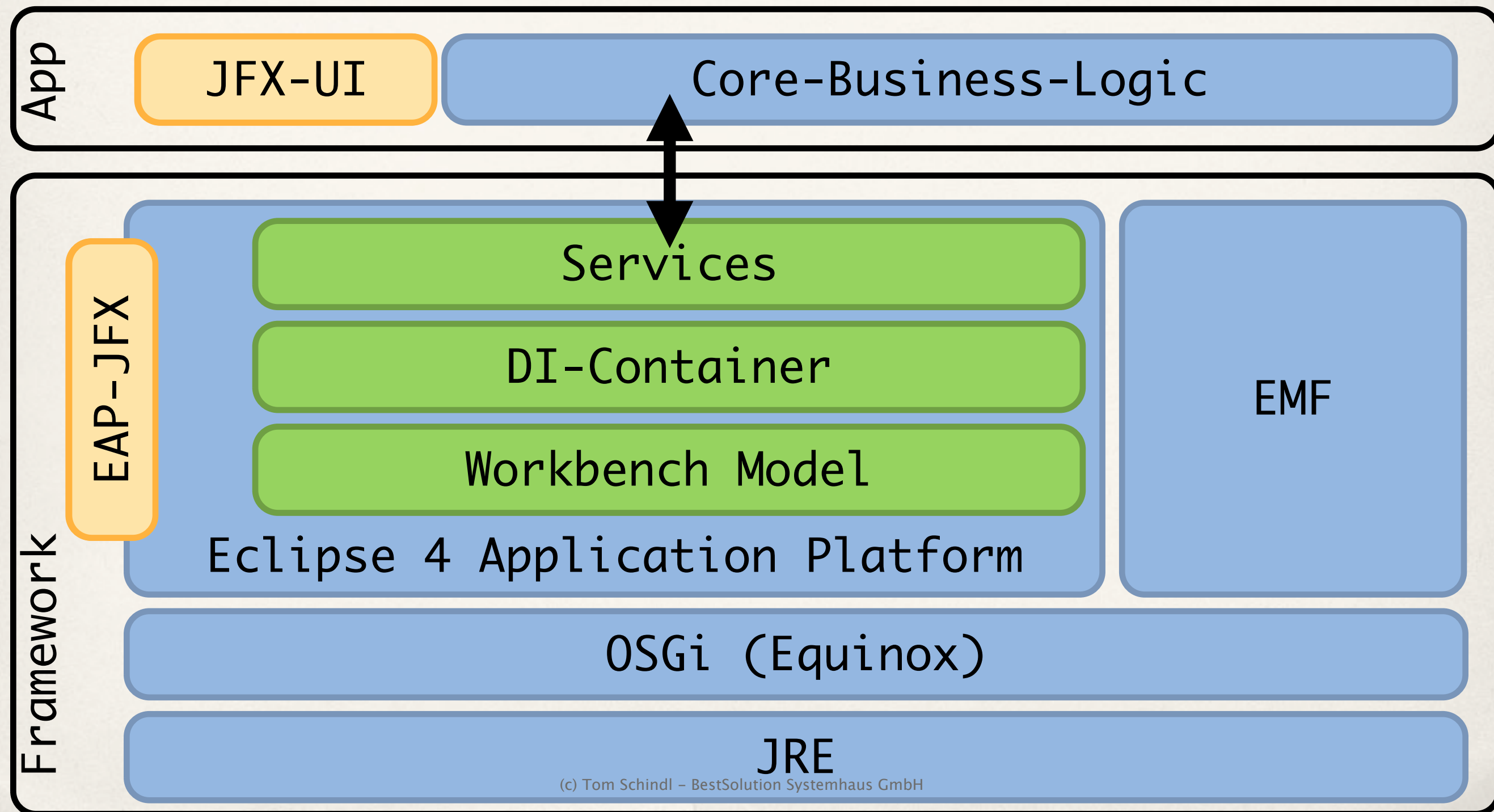


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JavaFX + EAP



JavaFX + EAP



Resources

- ❖ Blog <http://tomsondev.bestsolution.at>
- ❖ Blog <http://www.toedter.com/blog/>
- ❖ Github-Repository: <https://github.com/tomsontom/e-fx-clipse>