Architecting Enterprise JavaFX 8 Applications

CON2229

twitter: @AdamBien / adam-bien.com

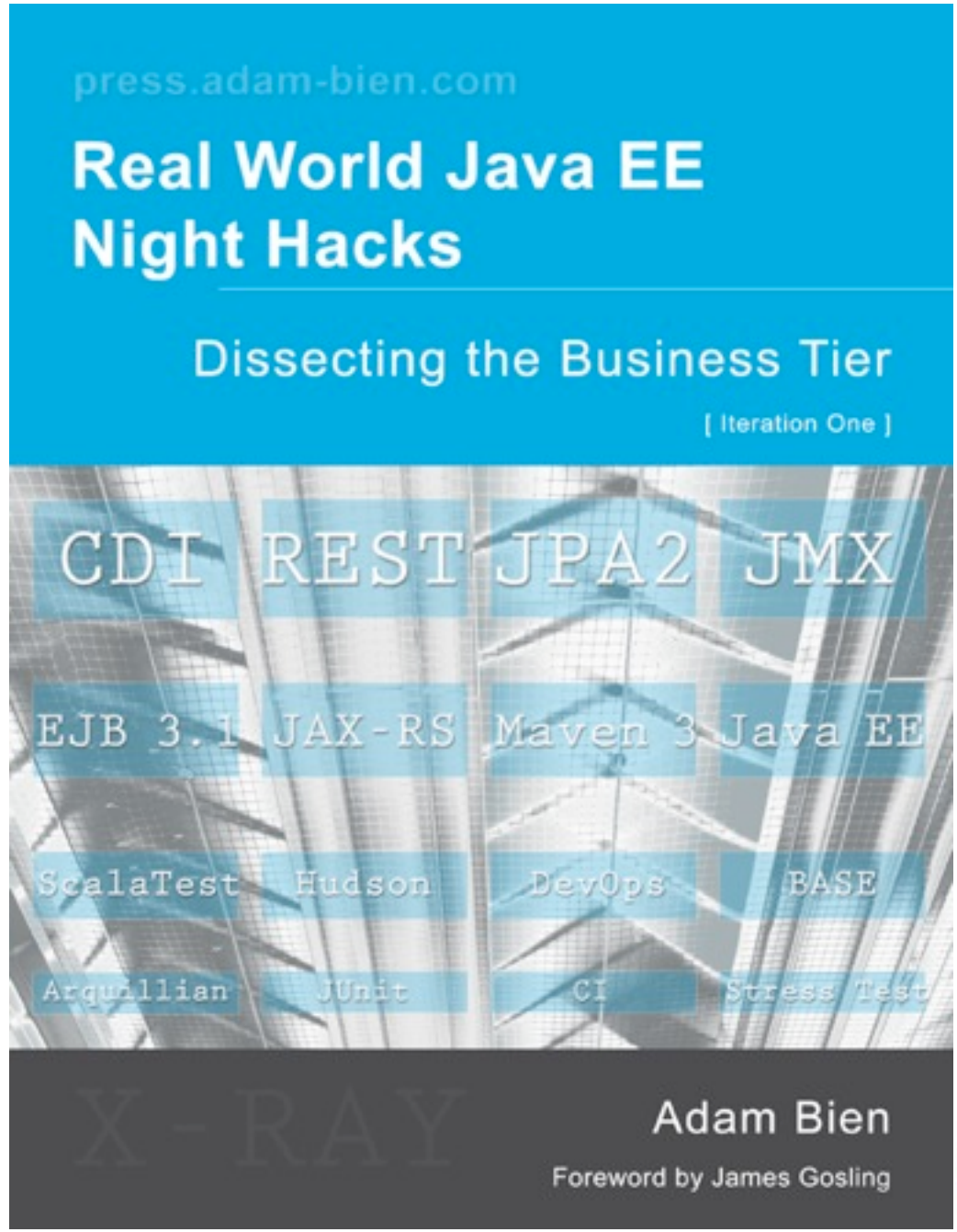
I'm working as Java EE/SE developer, consultant, sometimes author, speaker and trainer with Java since 1995...

...and still really enjoying it!

Java Programming Language rocks!

workshops.adam-bien.com

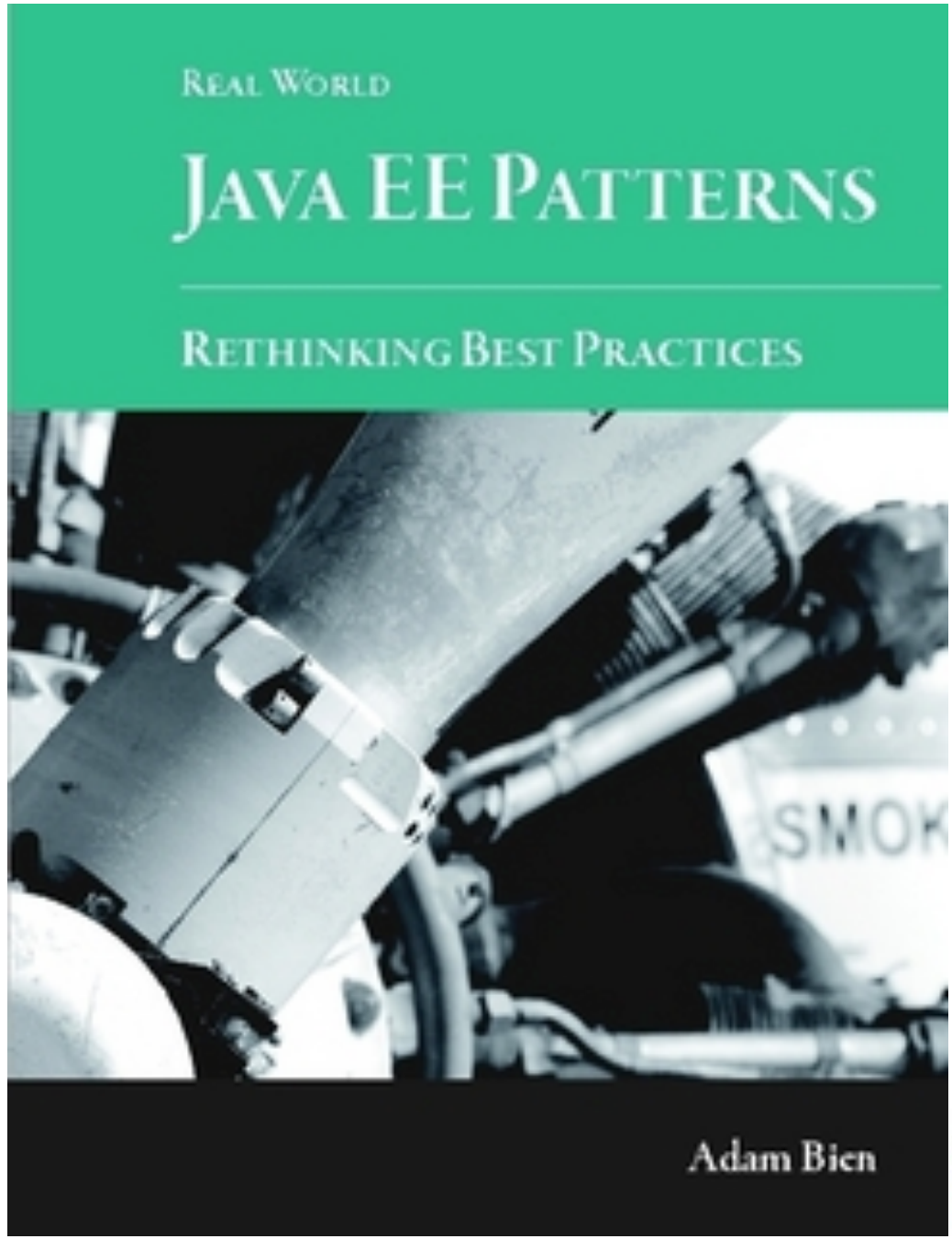
adam-bien.com



Adam Bien,

press.adam-bien.com

adam-bien.com



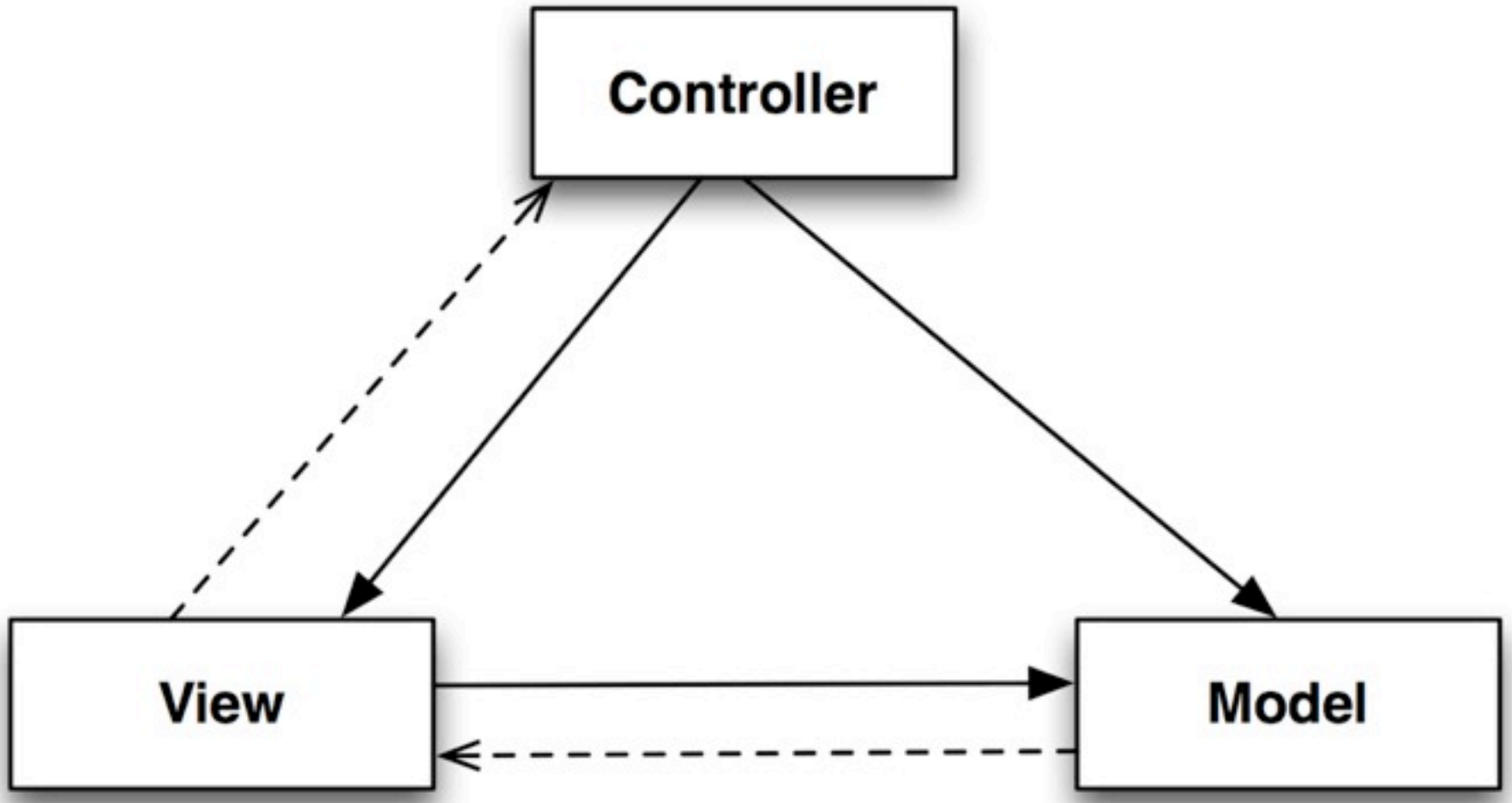
realworldpatterns.com

adam-bien.com

AIRBORNE
DEVELOPER
FLY
FLY
HACK
adam-bien.com
airhacks.com

WTF is Enterprise?

Is MVC not enough?


Controller
View
Model

What is MVP?

Retirement note for Model View Presenter Pattern

Last significant update: 11 Jul 06

Upon further study and reflection, I decided that pattern that was here under the name "Model View Presenter" needed to be split, so I have separated it into Supervising Controller and Passive View. You can find a discussion of the origins of Model-View-Presenter in the context of UI architectures here.

Significant Revisions

11 Jul 06: Pattern split and retired

19 Jul 04: First public release.

13 May 04: First TW version.

http://martinfowler.com/eaaDev/ModelViewPresenter.html

Supervising Controller

- Pragmatic realization of the MVP idea
- The presenter implements as little logic as possible
- Reacts to higher level events (e.g. save())

Passive View

- Presenter is everything
- Presenter synchronizes the view with the model
- The view as dumb and anemic as possible

Presentation Model

- Manages view or application's state
- Supports validation and data binding
- Useful for data sharing between views

MVPS is what we need….

...enough esoteric

Convention Over Configuration

@Inject Dependency Injection?

The Problem With WYSIWYG

IoC and (F)XML is the solution

FXML

- A XML "Object Instantiator"
- Scriptable XML markup
- Any JSR-223 scripting language can be used

Bindable Properties For Narrow Interfaces

Code Walk Through LightView / AirPad

Build

- Maven 3 / CI
  - (WebStart) Packaging
  - Native Packaging
  - Deployment

Thank You!

and see you at

workshops.adam-bien.com

blog.adam-bien.com
twitter.com/AdamBien
afterburner.adam-bien.com
airhacks.com