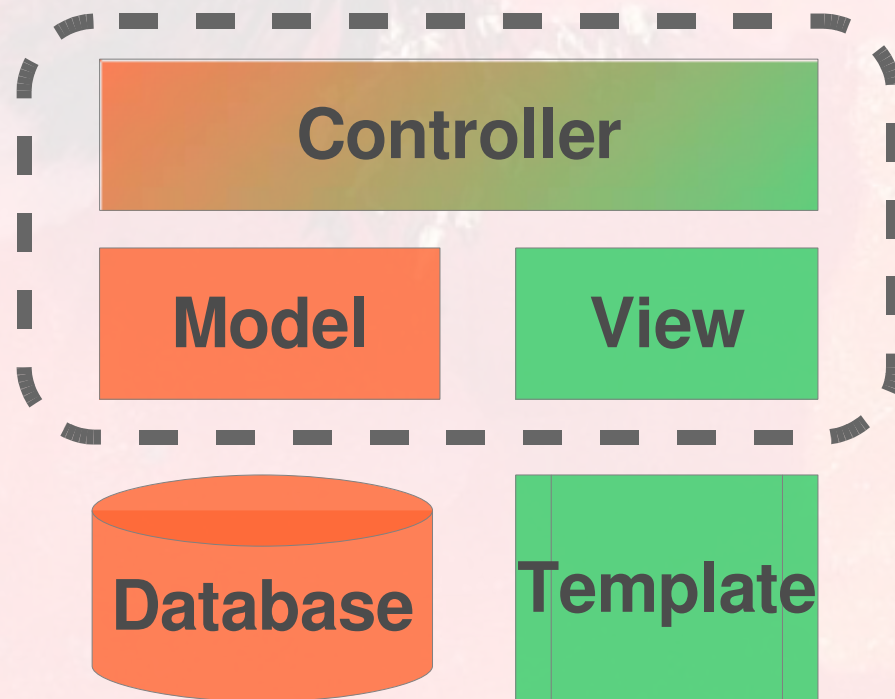**Elmar Hinz**
Consultant
Team Red

MVC for extensions
lib/div

Extension Coordination Team
Lead developer: Elmar Hinz

Plugins with Model View Controller (MVC)

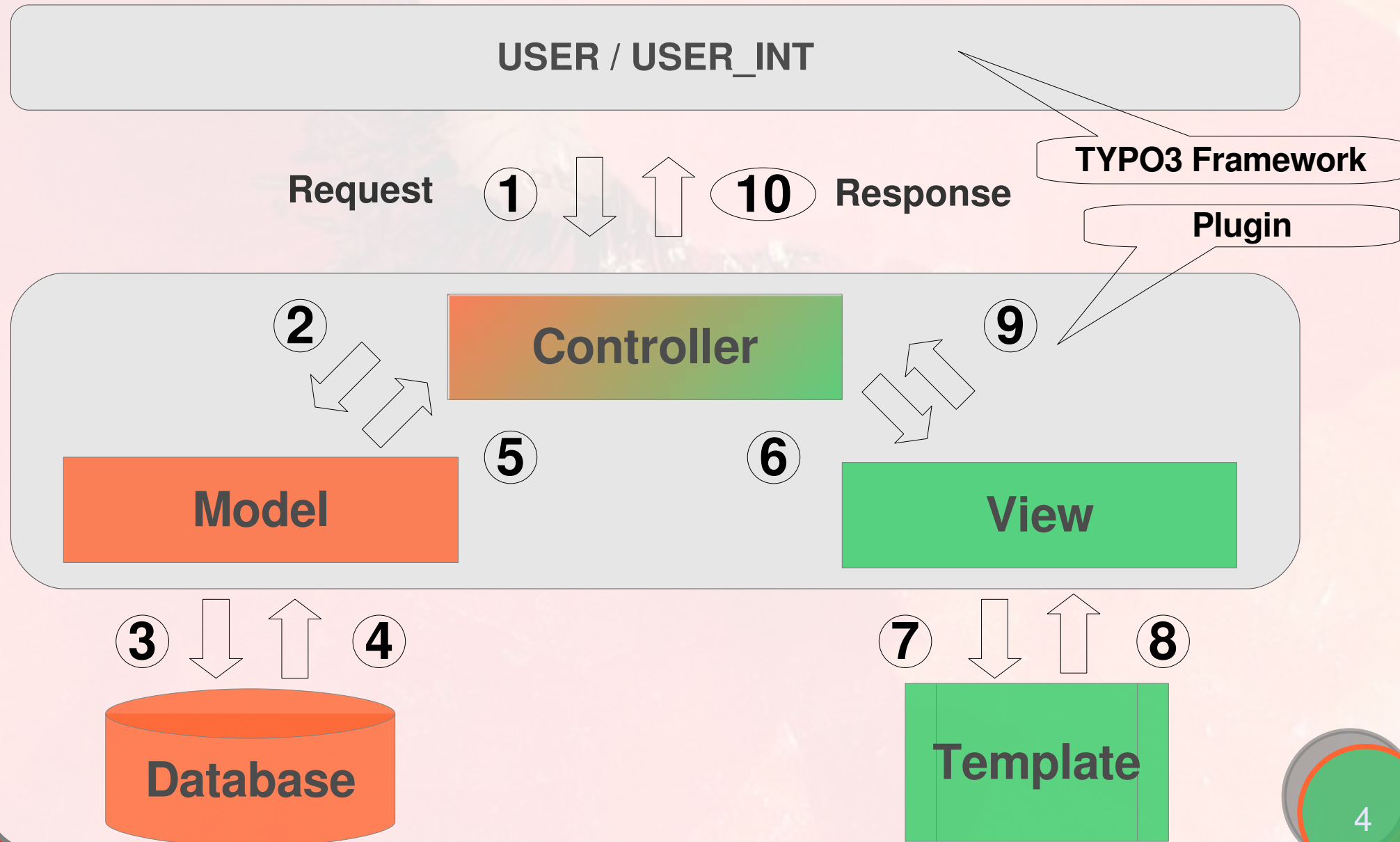Welcome the star of the show!
The lib/div based plugin.

Plugins with Model View Controller (MVC)
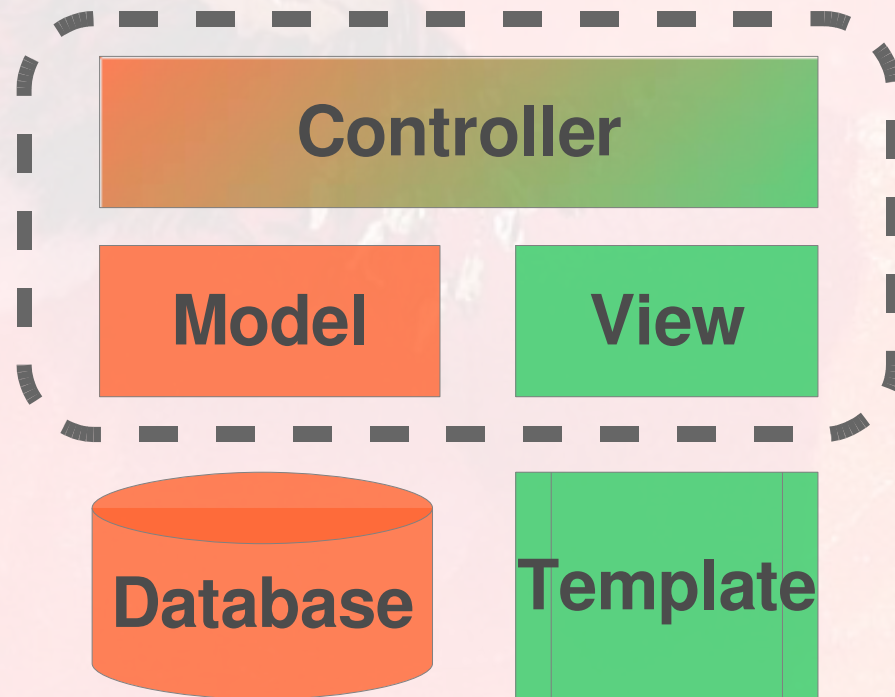
Gosh, how does this work?

The workflow of the MVC design

USER / USER_INT

Request ① ⬇⬆ ⑩ **Response**

TYPO3 Framework

Plugin

Controller

② ⑨

⑤ ⑥

Model

View
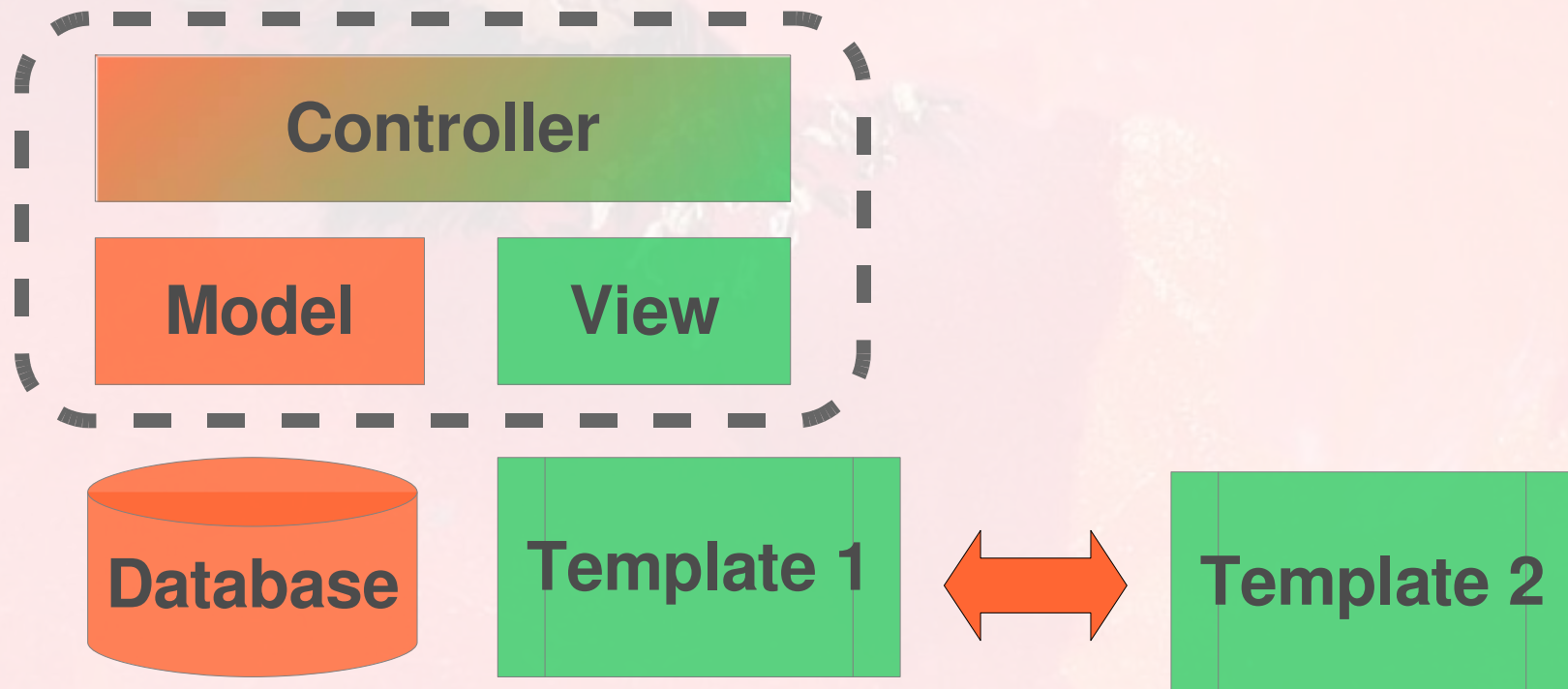
③ ⬇⬆ ④

⑦ ⬇⬆ ⑧

Database

Template

4

Back to the compact schema

Plugins with Model View Controller (MVC)

It's all about flexibility.

Flexibility part 1

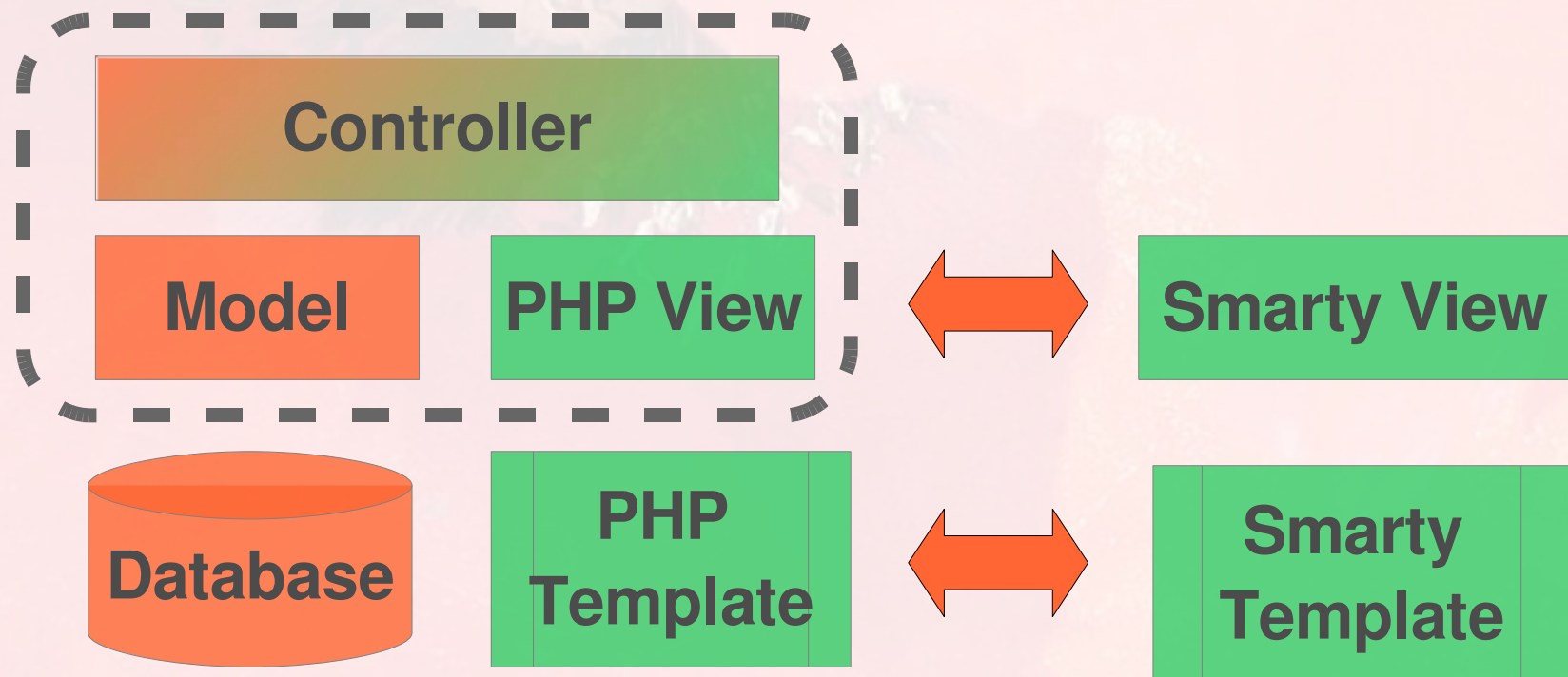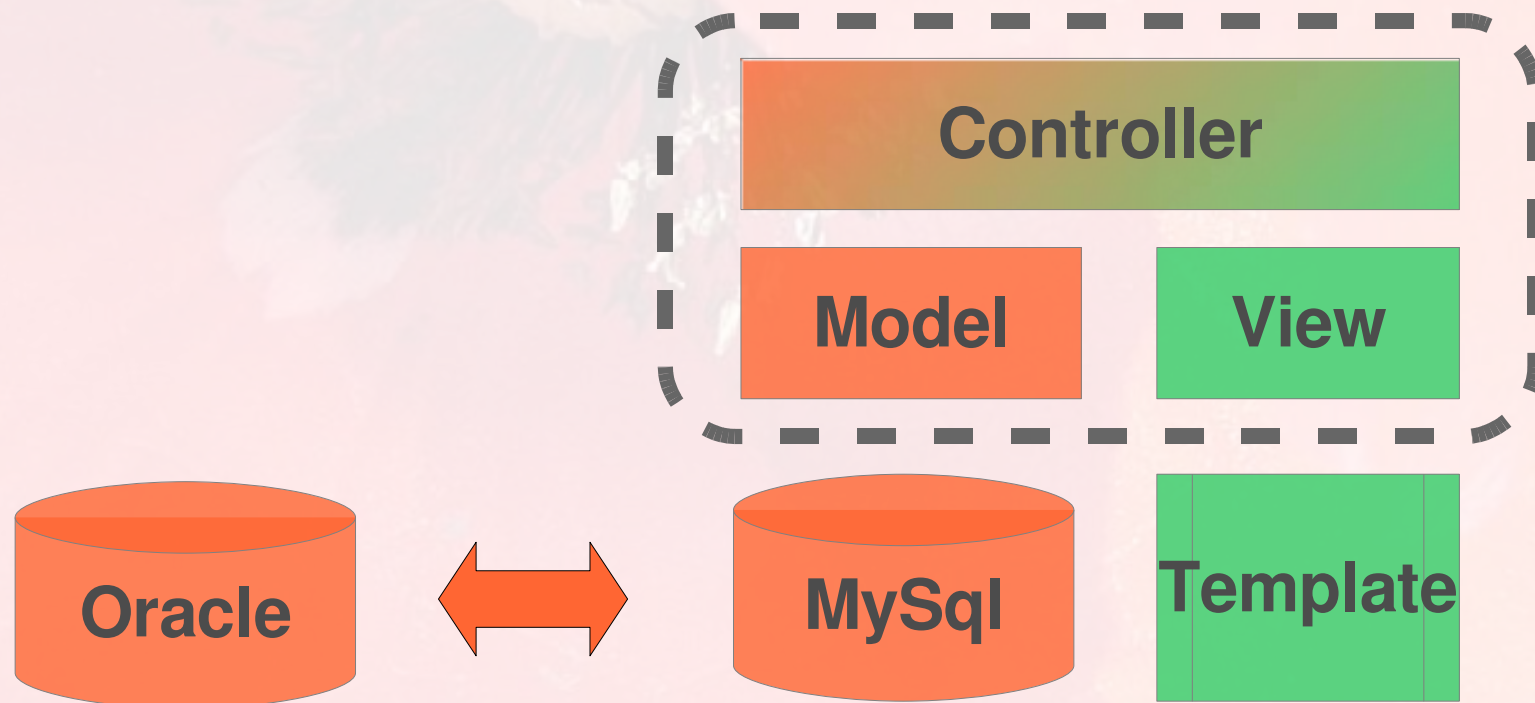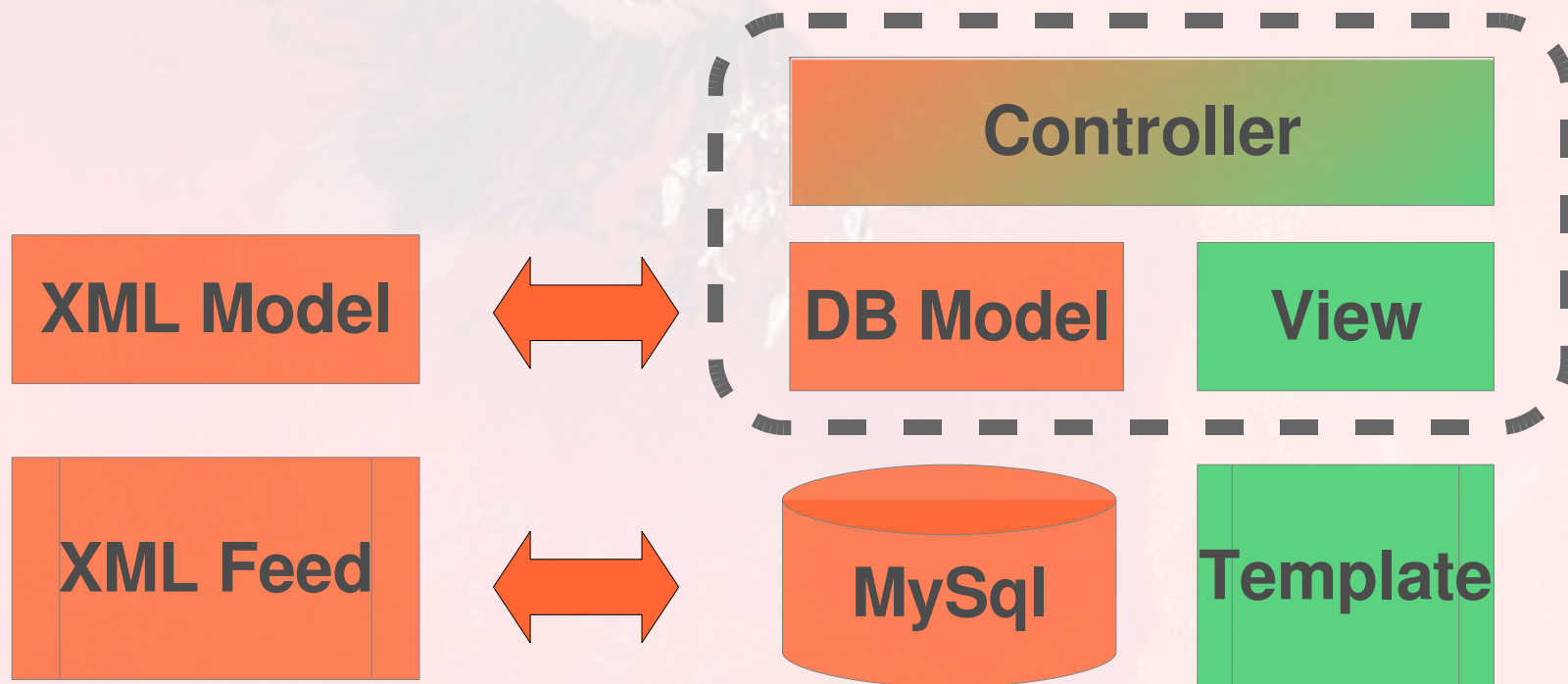Exchanging or adding templates

Exchanging or adding template engines

Exchanging or adding databases

Flexibility part 4

Exchanging or adding models

Controller

XML Model ⟷ DB Model   View

XML Feed ⟷ MySql   Template

Flexibility part 5

Exchanging or adding controllers

Controller 1 ⟷ Controller 2

Model | View

xxx | xxx

Database | Template

xxx | xxx
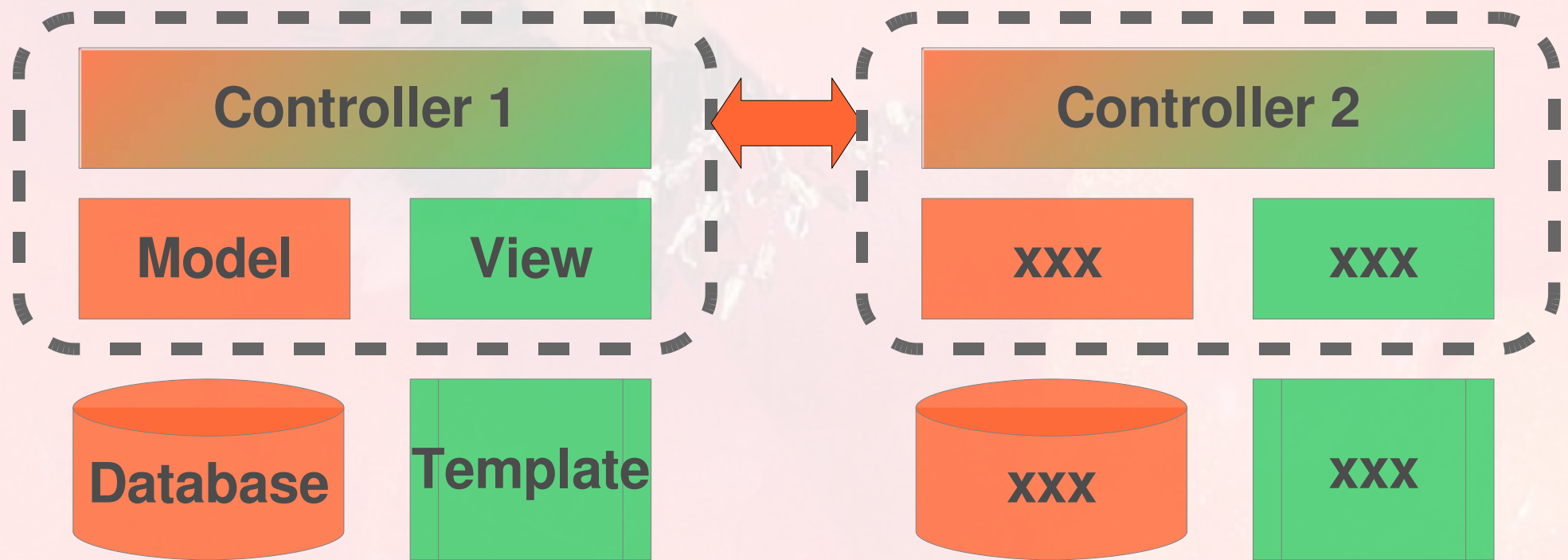
with or without models and views

Credits

- Extension Coordination Team (ECT)
  - Michael Scharkow, Jo Hausenau, Jan-Hendrik Heuing
  - David Bruehlheimer, Jeff Segars, Franz Holzinger
  - Gina Steiner, Mario Matzulla, Christop Koehler
  - Peter Kindström, Daniel Brüßler, Christian Welzel, ...
- Presse
  - Galileo Verlag, T3N Magazin
- TYPO3 Association
  - Kasper Skårhøj, Michael Stucki, Andreas Otto
- Others
  - Marcus Boeger, Stefan Asemota, Frank Thelemann