1 Symfony

1.1 Controller

Routing

1.2 Serializer

XML

CSV

SQL-Insert

1.3 Console

1.4 Template-Engine Twig

1.5 Http Foundation

Request

Response

StreamedResponse

1.6 HttpClientInterface

Download

1.7 File System

1.8 UUID

2 Backend

2.1 Setup-XML

2.2 Konsole

2.3 Doctrine

2.4 Datenbank / MySQL

3 Frontend

3.1 Webpack / Node.js

3.2 Bootstrap

Layout, Nav-Tabs, Modal, Icons

3.3 SCSS

3.4 Tooltips

4 AJAX

Modal

BfArM/Dimdi Links

5

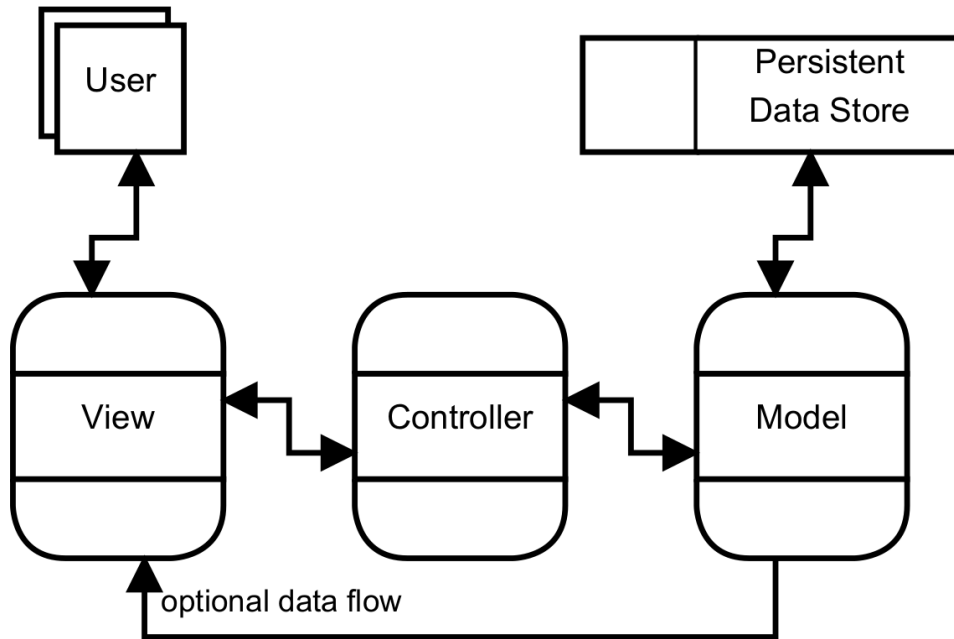Model-View-Controller (Voorhees, 2020, Seite 176f)

Abbildung 1: (Voorhees, 2020, Seite 177)

Abstraction and Decoupling

Symfony (Potencier, 2022)

Dependency Injection (Seemann and van Deursen, 2019)

When to stream? (Braaksma, 2014)

CSS Flexbox (Coyier)

Programming Languages Harmful (Janssens et al., 2017)

6 Anonyme Funktionen

Callback

Zum Schreiben der ConceptMap

Data-Preprocessing

InsertEncoder

https://dev.mysql.com/doc/refman/en/insert-optimization.html

Literatur

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C. Coyier, *CSS Flexbox Layout Guide.* [Online]. Available: https://css-tricks.com/snippets/css/a-guide-to-flexbox/

S. Janssens, U. P. Schultz, and V. Zaytsev, *Can Some Programming Languages Be Considered Harmful?*, 2017. [Online]. Available: https://grammarware.net/text/2017/harmful.pdf

F. Potencier, *Symfony 6: The Fast Track.* Symfony SAS, 2022. [Online]. Available: https://symfony.com/doc/6.4/the-fast-track/en/index.html

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