

Table of Contents

| | |
|------------------------------|---|
| Introduction and Goals | 1 |
|------------------------------|---|

Introduction and Goals

This Java application represents an architecture showcase for an application which is implemented with ideas from [DDD](#) and [Clean Architecture](#).

It consists of an client app based on JavaFX/Gluon (ready for cross compiling on different platforms, e.g. with [GitHub Actions](#)) and a server part based on Quarkus (which exposes its functionality with some RESTful endpoints and a tiny UI created with JSF).

This document is based on the [arc42-Template](#) template but only extends some parts of the template to exemplify how the ideas of arc42, DDD, [C4-Model](#) and [docs-as-code](#) can be connected.

If you are looking for a complete example of a fully filled arc42 template, you may have a look at the [DokChess](#) example from the arc42 team.

Except for "[Event Storming](#) Workshop result pictures", all diagrams are created with [plantuml](#).

Since plantuml diagrams, like asciidoc documents, are basically plain text files, this has the advantage, among other things, that the VCS used can display diffs correctly and so every change is absolutely traceable.

In the case of C4 models, the appropriate [extension for plantuml](#) is set so that these models can also be created with plantuml.

For further Information see [Introduction and Goals](#) in the arc42 documentation.