

# Welcome to DomUI

This documentation is being updated and is woefully incomplete 8-/ It's hard to do everything by yourself 🤖

## Current status

I'm currently working on DomUI 2.0. This will be a big change where a lot of problematic things will be rewritten. As a consequence the master branch's code is unstable and a work in progress. This also has its effect on [the demo application](#) as that is also updated, changed, and uses the unstable 2.0 master.

Progress on the work is [tracked on github](#), and the [github issue list](#) and planboard should be updated with things to do/done.

## Getting started

- [What is DomUI](#)
- [Quick DomUI facts for a developer](#)
- [Checking out DomUI itself and running the demo application in Maven and IntelliJ](#)
- [Using the skeleton app as the basis for a new application](#) (encouraged)
- [Using a Maven artefact to create a bare bones application](#) (discouraged)
- [Installing the IntelliJ Idea plugin for DomUI](#)

## Demo and build information

- [The currently very ugly demo application](#) (automatically deployed from master builds)
- [The travis-ci build page](#) - with many thanks to the people hosting that great service!
- [The maven build reports for the last build](#) (be it branch or master)
- [The Selenium test reports for the last build](#) (branch or master)

## Technical reference documentations (WIP)

- [Generating and using typed properties](#)
- [Component Overview](#)
- Application initialization
  - [Header Contributors](#)
- Data Binding
  - [DomUI Data binding](#)
  - [Data binding technical description](#)
  - [Data binding FAQ](#)
    - You cannot bind a control property with a dotted path
- [Internationalization](#)
  - [The locale for a request](#)
- Using the database
  - [The QCriteria query API](#)
- Styling
  - [Sass and SCSS support](#)
  - [Using Icons in DomUI applications](#)
  - [Playing with flexbox and grid layout](#)
  - [CSS tips and tricks](#)
- Writing DomUI components
  - [Component CSS rules and implementation details](#)
  - [LookupInput/LookupInput2 layout and behavior details](#)
  - [Text2 layout and behavior details](#)
- DomUI Internals
  - [DomUI page state management: Pages and Conversations](#)
  - [SubPages \(2.0\)](#)
  - [URL Contexts](#)
- DomUI JUnit tests
  - [Writing DomUI Junit tests](#)
  - [Using Mockito: pitfalls to be aware of](#)
  - [The HtmlEditor tests](#)
  - [Data binding tests](#)

## DomUI tools

- [The Hibernate/JPA POJO generator](#)
- [The dbpool database pool manager](#)

## Participating in development

We can always hope, can't we?

- [What's new / what's changing](#)
- [Github / TravisCI / DeployHQ details](#)
- [FAQs and issues](#)

## Reference and todo's

- [Installing Oracle Database 12c R2 on Ubuntu 18.04](#)
- Sass and Scss
  - [The SassMeister website to quickly test Sass fragments](#) is a Godsend.
- Maven
  - [Using the Eclipse compiler inside Maven builds](#)
- CSS Styling frameworks
  - [Bulma](#) looks quite promising (Thanks Yoeri). It also has a [theme site](#).
    - [Reports about experimenting with Bulma](#)
  - [Materializecss](#) which shows a way to style the upload button
  - [Semantic UI](#)
  - Juiced
    - [Has some nice alternative to checkbox: switches](#)
  - Spectre
    - Has a very interesting "loading" modifier to classes - [see the css in the examples](#)
  - Bootstrap does not seem to be a good plan: it changes versions quickly once one is there, but the last one is a complete rewrite and has taken > 2 years already. It also seems big and bloated.
- Form designs worth looking at
  - <https://codepen.io/nikhil8krishnan/pen/gaybLK> and <https://codepen.io/lukeandrewreid/pen/OVPGXN>
- [Very good Antlr4 walkthrough](#)
- Graphs
  - <http://fperucic.github.io/treant-js/>

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