

Tools and Platforms I

Andreas Martin | Digitalisation of Business Processes | MSc in Business Information Systems



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Selection Tools and Platforms for Module

Mandatory

- **GitHub** (and Git) for documentation, modelling and project artefacts
 - After submission the repository will be public - in exceptional cases the repository can remain private

Recommended

- **Camunda Modeler** for BPMN and DMN diagrams
 - Alternative modelling tools: BOC Adonis, Signavio, Trisotech, Visual Paradigm
- **Camunda Platform** / BPM for executing BPMN workflows and DMN decision tables
 - Alternative workflow engines: Bizagi, Signavio Workflow Accelerator, Bonita, ProcessMaker, Appian, Activiti, jBPM, WSO2, AXON IVY ...
- **Heroku** as Cloud Platform as a Service (PaaS) provider
 - Alternative PaaS: OpenShift, Google Cloud, Azure or Amazon Cloud

Free to choose

- Any **iSaaS** such as Zapier, IFTTT, MS Flow, Integromat, Stamplay, etc. or **iPaaS** such as MuleSoft Anypoint ...
- Any **web-service** such as Google Apps etc ...
- Any **AI service** such as Google Cloud Machine Learning, Machine Learning in AWS, Microsoft Cognitive Services, IBM Watson ...
- Any **virtual assistant framework** such as Google DialogFlow, Microsoft Cortana SDK, Amazon Alexa Skills ...

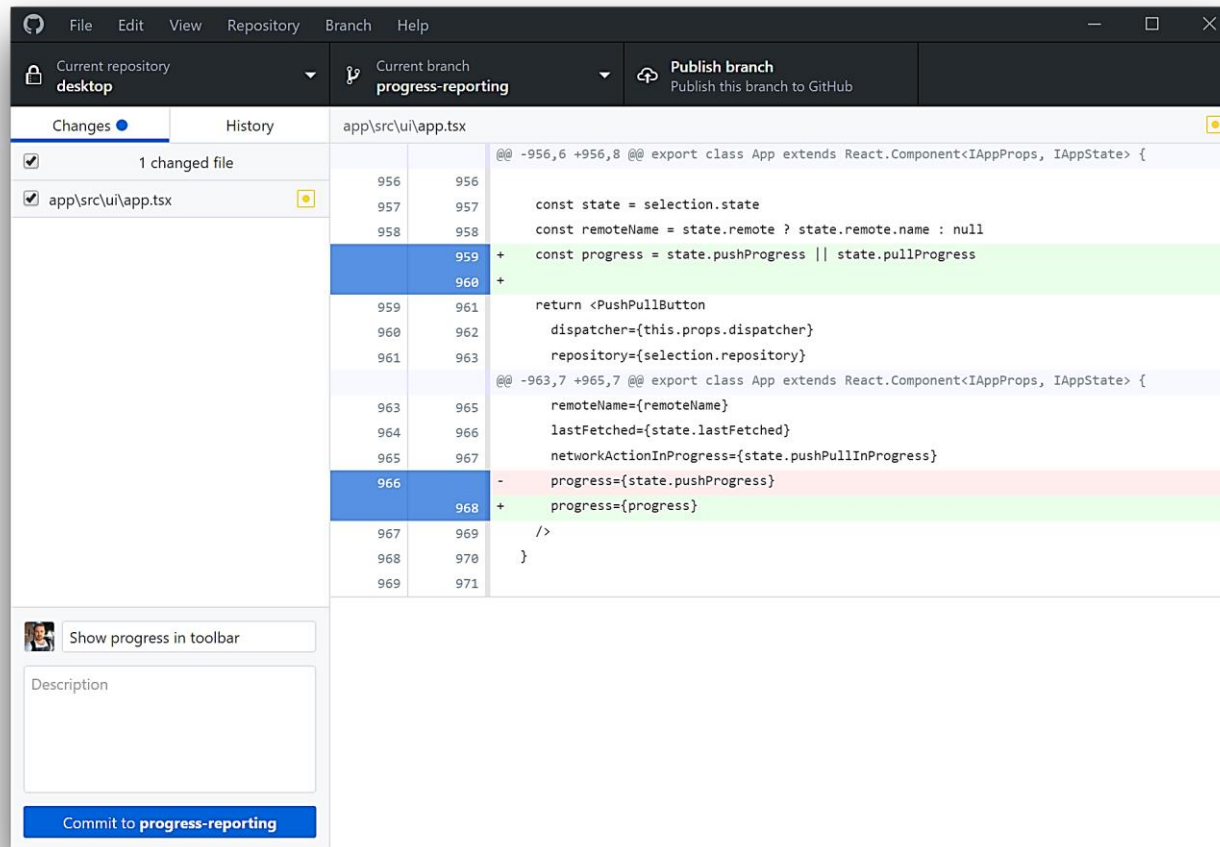
GitHub & Git

- GitHub is a development platform for hosting, sharing and reviewing artefacts and source code and managing projects.
- It is based on the Git version control system.
- DigiBP has it's own GitHub space: github.com/digibp | digibp.github.io
 - You will find there examples, showcases, template and documentation.
 - We will provide for every team at least one repository.

The screenshot shows the GitHub repository page for 'DigiBP / digibp-camunda-template'. The repository is a template project for building a Spring Boot-based Camunda instance. It has 19 commits, 1 branch, 0 releases, 1 contributor, and is licensed under Apache-2.0. The repository is currently on the 'master' branch. The file list shows various configuration files and scripts, including .mvnw/wrapper, src/main, .dockerignore, .gitignore, .slugignore, Dockerfile, LICENSE, Profile, README.md, app.json, archetype.properties, mvnw, mvnw.cmd, and pom.xml. The README.md file is expanded, showing the 'DigiBP Camunda Template' section with a 'license: apache' badge, a 'Deploy to Heroku' button, the 'Maintainer' section (Digitalisation of Business Processes), and the 'License' section (Apache License, Version 2.0).

GitHub Desktop

desktop.github.com



Markdown for GitHub .md Files & Wiki

Markdown Cheat Sheet

Format Text

Headers

```
# This is an <h1> tag
## This is an <h2> tag
##### This is an <h6> tag
```

Text styles

```
*This text will be italic*
_This will also be italic_
**This text will be bold**
__This will also be bold__
*You **can** combine them*
```

Lists

Unordered

```
* Item 1
* Item 2
  * Item 2a
  * Item 2b
```

Ordered

```
1. Item 1
2. Item 2
3. Item 3
  * Item 3a
  * Item 3b
```

Miscellaneous

Images

```
![GitHub Logo](/images/logo.png)
Format: ![Alt Text](url)
```

Links

```
http://github.com - automatic!
[GitHub](http://github.com)
```

Blockquotes

```
As Kanye West said:

> We're living the future so
> the present is our past.
```

Code Examples in Markdown

Syntax highlighting with GFM

```
```javascript
function fancyAlert(arg) {
 if(arg) {
 $.facebox({div:'#foo'})
 }
}
```
```

Or, indent your code 4 spaces

```
Here is a Python code example
without syntax highlighting:

    def foo:
        if not bar:
            return true
```

Inline code for comments

```
I think you should use an
`<addr>` element here instead.
```

Camunda Modeler

camunda.com/download/modeler

- Camunda Modeler is a free and open source desktop application for modelling workflows and decisions.
- Camunda Modeler supports BPMN 2.0, CMMN 1.1 and DMN 1.1 (including Decision Tables and Decision Requirements Diagrams).
- Web-based version of the Camunda Modeler is available under: bpmn.io

