

Doc Packager

Context

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Doc Packager is a tool that enables packaging both evergreen and living documentation into human-readable packages.

Make sure to `npm install` first.

How it works:

1. Define your project in a `README.md` file and in [Gherkin](#) executable specifications.
2. Set the documentation configurations in your package manifest file to point to the output of previous step.
3. Run `clojure -X:main` to process the output into a PDF file.

In the current example project, step 3 is automated in GitHub Actions. This way, each commit leads to a new PDF explaining the project. This PDF is accessible in the [Package docs](#) workflow history and [in the repository's GitHub Pages](#).

It is currently an experiment, not useable in production. Contact [Sander](#) if you have questions or want to collaborate.

Glossary

Business process model: A model for the end to end flow of a business process, enabling understanding and communication in a standard way (typically BPMN).

Portable document: A document that is presented independently of application software, hardware, and operating systems. Typically in PDF format.

Documentation package: A curated collection of rendered documents from one or more repositories.

Documentation package manifest: A document listing the source documents to be processed into a documentation package.

Executable specification: A document describing requirements in a way that can be processed into automated tests.

Requirements

Feature: Command-line interface

Example: requiring a title

Given manifest

When I run the cli with this manifest

Then I get an error message

Feature: rendering executable specifications

Example: simple Gherkin example

Given a project with a feature file

When I run the test suite

And I package the documentation

Then the package contains the lines from this feature file

Feature: Internal glossary

Example: Defining a concept

Given an empty glossary

When I define a concept

Then the glossary is not empty

Feature: PDF

Example: Rendering BPMN

Given a BPMN model

When I render it to PDF

Then I have a PDF file

Example: Writing PDF

Given a project

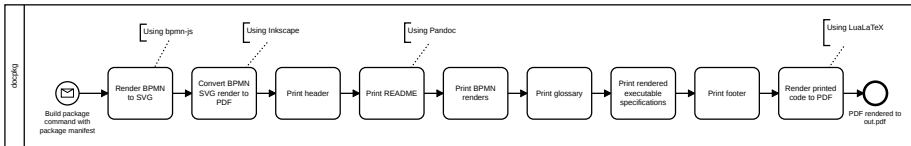
When I execute the program

Then I get a PDF

Solution design

Business processes

Building a package



Validation

Implementation blueprint

Attachments

Static website

[Download static-website.html](#)

Only works in some PDF viewers, such as [Adobe Acrobat Reader](#) and [Firefox](#) on desktop by double-clicking the link, or [PDF Viewer Pro](#) on mobile. On the command line, you can use [Xpdf](#) with `pdftdetach -saveall <file.pdf>`.