Documentation tool for dotty using Tasty files

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May 12, 2019

Abstract

The current documentation tool (dottydoc) relies on compiler internals and low level code. The tool introduced here aims to build a program not dependant on compiler internals but instead use Tasty files which are output when a Scala program is compiled.

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Chapter 1

Introduction

In dotty the documentation generation tool is called `dotty-doc`. However the
tool is flawed in many ways, these flaws include:

- Reliance on compiler internals

- Low level and unecessarily complex code

- Not maintened and not documented

- Not flexible in its output, it outputs html/css in a hard to modify way

- Malformed type output such as `[32m"getOffset"[0m`

- Lacks features, especially:

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The tool introduced here aims to address all these issues.

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