Docs-as-code, for Coders

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What is Docs-as-code?

Manage documentation using coder tools

Benefits of docs-as-code

- Changes can be made quickly and simultaneously
- Powerful collaboration and review tools
- Single source of truth
- Separation of content and presentation
- Audit trail

Programmers have the best tools

Toolbox

- Editors with syntax support
- Local preview
- Source control
- Linting/formatting
- CI/Pull request workflow

DocOps: Code + words

Markdown / Markdoc

```
## One large file to many small ones

OpenAPI is designed with support for `$ref` syntax, allowing parts of an API desc

If you have one large single file, split it up like this:

```
redocly split openapi.yaml --outDir myApi
```

The original file is unchanged, but look in the directory named by the `--outDir`
* An `openapi.yaml` file, which is the entry point of the API and includes the `
* A `paths/` directory, with a file for each of the URLs in the API. All verbs f
```

ReStructuredText

```
Stats
=====

``redocly stats discourse.yaml``

Lint
====

``redocly lint discourse.json --extends=minimal --format=summary``

Then add ``max-problems=200``

Minimal rules: https://redocly.com/docs/cli/rules/minimal/
```

AsciiDoc

```
 * A selection of endpoints with specific behaviours at http://httpbin.org/[http

Register your own endpoint at http://requestb.in and use it in place of http://re

[[curl]]
==== Command Line HTTP

http://curl.haxx.se[Curl] is a command-line tool available on all platforms.  It

In its most basic form, a Curl request can be made like this:

----
curl http://requestb.in/example
----
```

QA for prose

In CI, and locally:

- Validate the markup
- Use a prose linter such as Vale https://vale.sh/
- Check links
- Build output preview

Pull request workflow

Everything you know about good pull request practice?

Do that.

Git and writers

Help others adopt the workflow:

- Find tools and resources that work for them
- Be prepared to provide a lot of support

Experts of other disciplines may learn or work differently

Developers and Docs

Audience and goals

WHO are you writing for?

WHAT will they gain?

Outline before writing

Preparation makes the process easier

Content types

From https://diataxis.fr:

- Concept
- Task
- Tutorial
- Reference

Docs and Coders

Engineering is about solving problems and helping people. So is documentation.

Resources

- https://lornajane.net
- https://redocly.com
- https://idratherbewriting.com/
- https://docsfordevelopers.com/