

Product

Solutions

Open Source

Pricing

Search or jump to...

Sign in

Sign up

ute / custom-numbered-blocks

Public

Notifications

Fork0

Star11

<> Code

Issues3

Pull requests

Actions

Projects

Security

Insights

main

1 branch

2 tags

Go to file

Code

ute fix typo in _extension.yaml

e7a370b on Jun 6

30 commits

_extensions/custom-numbered-blo...

fix typo in _extension.yaml

3 months ago

doc

version 0.1.0

4 months ago

.gitignore

version 0.1.0

4 months ago

LICENSE

Create LICENSE

4 months ago

README.md

Update README.md

4 months ago

example.qmd

fix, and modify example

4 months ago

README.md

Custom Numbered Blocks Extension for Quarto

This extension provides user defined custom div classes (environments) that come with numbering, such as theorems, examples, exercises. Numbered blocks can be cross referenced.

By default, the div's text block is enclosed in a collapsible box, similar to quarto callouts.

Groups of classes can be defined that share style and numbering.

Lists-of-classes can be extracted, such as a list of all theorems. It is also possible to generate a list for a group of classes.

The filter supports output formats pdf and html.

minimal.qmd - Untitled (Workspace) - Visual Studio Code

custom-numbered-blocks > minimal.qmd > Important theorems > Line

10 custom-numbered-blocks:

11 classes:

12 Theorem:

13 colors: [948bde, 584eab]

14 boxstyle: foldbox-simple

15 collapse: false

16 Proof:

17 numbered: false

18 ---

19

20 # Important theorems

21

22 ::: (.Theorem #thmline)

23

24 ## Line

25

26 The equation of any straight line, called a linear equation, can

27 be written as:

28
$$y = mx + b$$

29

30 ::: Proof

31

32

33

34 ### Proof of the important theorem (ref{thmline})

35 This follows straightforwardly from the definition (depends of

36 the definition)

37

38 See Theorem (ref{thm-line}).

39

40

Custom-numbered-blocks Minimal Example

1 Important theorems

Theorem 1.1: Line

The equation of any straight line, called a linear equation, can be written as:

$$y = mx + b$$

Proof: Proof of the important theorem 1.1

See Theorem 1.1.

Status

Seems that Quarto 1.3 handles pdf books differently from Quarto 1.2. If chapters contain additional level 1 heading, this messes up numbering in Quarto 1.3 pdf books. I will likely fix that soon.

There may come changes to the yaml-UI for lists-of-classes, also soon ;-).

Installing

quarto add ute/custom-numbered-blocks

This will install the extension under the _extensions subdirectory. If you're using version control, you will want to check in this directory.

Using

Usage is illustrated more comprehensively in example.qmd .

Defining and using a user defined class

To specify a new class of numbered div blocks, Example , say, add yaml code:

custom-numbered-blocks:
 classes:
 Example: default

Use the class in a fenced dive. Title can be provided as a header immediately after div.

::: Example
the best possible example, ever
here is some exemplary text
:::

Change default options for a class

The default style renders as a collapsible box with title button, similar to quarto callouts. It comes with a small close button bottom right. You can change the following options in yaml or individually in the div specification:

colors : an array of two hex rgb color codes, for title button color and frame color. colors: [a08080, 500000] would give a pink title button and dark red frame.

collapse : boolean, default true . Initial state of the collapsible box.

label : the label to print before the number (string).

boxstyle : set to foldbox-simple for a boxed environment without close button. There will quite likely come more options in a future version.

listin : register for a list-of

Groups of classes with joint counter and joint default style

Jointly counted block classes are specified by yaml option groups . These groups can also have a common default style. For each class, option group indicates membership.

Example: we want to jointly count theorems, lemmas and propositions, and render boxes with initially open status, but propositions should be collapsed:

custom-numbered-blocks:
 groups:
 thmlike:
 collapse: false
 classes:
 Theorem:
 group: thmlike
 Proposition:
 group: thmlike
 collapse: true
 Lemma:
 group: thmlike

Lists-of ("listin" version)

To generate a list of all divs belonging to a class, Example , say, add key listin to the class and give the name of the list. The same can be done for groups of classes. This will produce a file list-of- name .qmd that contains headers and references to the respective blocks. The following code will generage files list-of-allthingsmath.qmd and list-of-examples.qmd :

custom-numbered-blocks
 groups:
 thmlike:
 collapse: false
 listin: [allthingsmath]
 Example:
 listin: [examples, allthingsmath]

Example

Here is the source code for a (not so) minimal example: example.qmd. And here's the rendered example.html and example.pdf

quarto

quarto-extension

quarto-filter

Readme

MIT license

Activity

11 stars

2 watching

0 forks

Report repository

Releases2

v0.1.1: fixes

Latest

on May 24

+ 1 release

Packages

No packages published

Languages

Lua88.6%

CSS7.3%

TeX4.1%

© 2023 GitHub, Inc.

Terms

Privacy

Security

Status

Docs

Contact GitHub

Pricing

API

Training

Blog

About