Gentle clues

Add some beautiful, predefined admonitions or define your own.

`gentle-clues` is a package for the typst ecosystem
by jomaway.

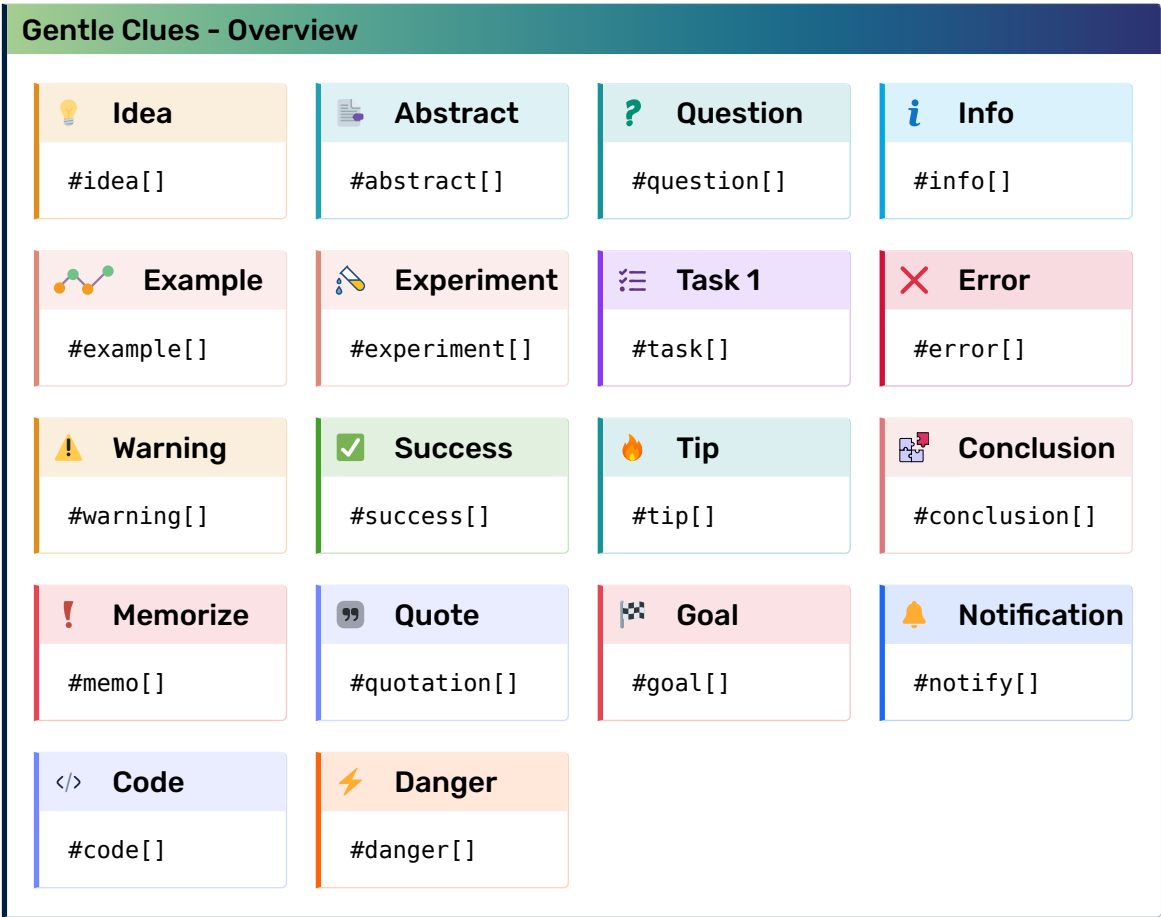**Version:** 1.3.0

Gentle Clues - Overview

💡 **Idea**	📄 **Abstract**	❓ **Question**	ℹ️ **Info**
`#idea[]`	`#abstract[]`	`#question[]`	`#info[]`

📈 **Example**	🧪 **Experiment**	☰ **Task 1**	✖️ **Error**
`#example[]`	`#experiment[]`	`#task[]`	`#error[]`

⚠️ **Warning**	✅ **Success**	🔥 **Tip**	🧩 **Conclusion**
`#warning[]`	`#success[]`	`#tip[]`	`#conclusion[]`

❗ **Memorize**	🗨 **Quote**	🏁 **Goal**	🔔 **Notification**
`#memo[]`	`#quotation[]`	`#goal[]`	`#notify[]`

</> **Code**	⚡ **Danger**		
`#code[]`	`#danger[]`		

Figure 1: Overview of all predefined clues.

Contents

Docs for `gentle-clues:1.3.0`

1. Getting started

Minimal starting example

```
#import "@preview/gentle-clues:1.3.0": *
#tip[Check out this cool package]
```

Turns into this →

> 🔥 **Tip**
>
> Check out this cool package

Usage

1. Import the package like this:

   ```
   #import "@preview/gentle-clues:1.3.0": *
   ```

2. **Optional:** Change the default settings for all clues if desired. See Example 2.

3. Use a predefined clue without any options

   ```
   #info[You will find a list with all
   predefined clues at the last page.]
   ```

   Turns into this →

   > *i* **Info**
   >
   > You will find a list with all predefined clues at the last page.

4. Or overwrite the default parameters. e.g. set a custom title

   ```
   #example(title: "Custom title")
   [ Content ...]
   ```

   Turns into this →

   > 📈 **Custom title**
   >
   > Content …

   See **all available parameters** at API 1.

5. **I18n:**
   - The current language which is set by `#set text(lang: "de")` changes the default header title.
   - Currently supported are "en" , "de" , "dk" , "es" , "fr" , "hu" , "zh" , "it" and "cs" . This package uses linguify for language settings. Feel free to contribute more languages.

2. Features

This package provides some features which helps to customize the clues to your liking.

- Brings a wide variety of predefined clues. See Section 2.
- Set global default for all clues. See Example 2.
- Overwrite each parameter on a single clue for changing title, color, etc. See Section 1.
- Show or hide a counter value on tasks.
- Define your own clues very easily. See Section 3.

2.1. Custom styling

Clues can be styled in your liking.

The simplest way is to change the `accent-color` which will be the thick border stroke on the left side. Header and border color will then automatically derived from this color.

But you can set the `header-color`,`border-color` and `body-color` independently with a `color`, `gradient` or `pattern`.

Additionally, you can set a different font for the title with `title-font` and its weight offset with `title-weight-delta`.

Example:

```
#clue(
  title: "Rainbow style",
  accent-color: gradient.linear(red,
blue, dir: ttb),
  header-color: gradient.linear(red,
yellow, blue),
  border-color: blue.darken(40%),
  body-color: yellow.lighten(80%),
  title-font: "Liberation Mono",
  title-weight-delta: 300
)[Some content. #lorem(20)]
```

> **Rainbow style**
>
> Some content. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

There are many more options for customization. For all possible parameters see API 1.

3. Define your own clues

You can easily define your own clues. Just set some default values for `color`, `title`, `icon`, … and you are ready to go.

```
// Define a clue called ghost
#let ghost(title: "Buuuuuuh", icon:
emoji.ghost , ..args) = clue(
  // Define default values.
  accent-color: purple,
  title: title,
  icon: icon,
  // Pass along all other arguments
  ..args
)

// Use it
#ghost[This is the ghost number one.]
#ghost(title: "Poltergeist")[This ghost
has a custom name.]
#ghost[Huuuuuuh.]
```

> 👻 **Buuuuuuh**
>
> This is the ghost number one.

> 👻 **Poltergeist**
>
> This ghost has a custom name.

> 👻 **Buuuuuuh**
>
> Huuuuuuh.

4. Predefined Clues

- abstract()
- code()
- conclusion()
- danger()
- error()
- example()
- experiment()
- goal()
- idea()
- info()
- memo()
- notify()
- question()
- quotation()
- success()
- task()
- tip()
- warning()

4.1. abstract

Color	Icon	Title	Note
#209fb5		Abstract	

```
#abstract[Make it short. This is all you
need.]
```

> **Abstract**
>
> Make it short. This is all you need.

Parameters

..args   arguments

Supports all parameters of `clue()`.

4.2. code

Color	Icon	Title	Note
#7287fd	</>	Code	

```
#code[`#let x = "secret"`]
```

> </> **Code**
>
> #let x = "secret"

Parameters

4.3. conclusion

Color	Icon	Title	Note
#dd7878		Conclusion	

```
#conclusion[This package makes it easy to
add some beauty to your documents.]
```

> 🧩 **Conclusion**
>
> This package makes it easy
> to add some beauty to your
> documents.

Parameters

4.4. danger

Color	Icon	Title	Note
#fe640b	⚡	Danger	

```
#danger[Be careful.]
```

> ⚡ **Danger**
>
> Be careful.

Parameters

4.5. error

Color	Icon	Title	Note
#d20f39	✕	Error	

```
#error[Something did not work here.]
```

> ✕ **Error**
>
> Something did not work here.

Parameters

4.6. example

Color	Icon	Title	Note
#dc8a78		Example	

```
#example[Let's make something beautiful.]
```

> **Example**
>
> Let's make something beautiful.

Parameters

4.7. experiment

Color	Icon	Title	Note
#dc8a78		Experiment	

```
#experiment[Try this ...]
```

> **Experiment**
>
> Try this …

Parameters

4.8. goal

Color	Icon	Title	Note
#e64553		Goal	

```
#goal[Beautify your document!]
```

> **Goal**
>
> Beautify your document!

Parameters

4.9. idea

Color	Icon	Title	Note
🟠 #df8e1d	💡	Idea	

```
#idea[Some content]
```

💡 **Idea**

Some content

Parameters

4.10. info

Color	Icon	Title	Note
🔵 #04a5e5	*i*	Info	

```
#info[Whatever you want to say]
```

i **Info**

Whatever you want to say

Parameters

4.11. memo

Color	Icon	Title	Note
🔴 #e64553	❗	Memorize	

```
#memo[Leave a #emoji.star on github.]
```

❗ **Memorize**

Leave a ⭐ on github.

Parameters

4.12. notify

Color	Icon	Title	Note
#1e66f5	🔔	Notification	

Notification

```
#notify[New features in future versions.]
```

> 🔔 **Notification**
>
> New features in future versions.

 Parameters

4.13. question

Color	Icon	Title	Note
#179299	?	Question	

```
#question[How do admonishments work?]
```

> ? **Question**
>
> How do admonishments work?

 Parameters

4.14. quotation

Color	Icon	Title	Note
#7287fd	99	Quote	

```
// With attribution
#quotation(attribution: "The maintainer")
[Keep it simple. Admonish your life.]
// Without attribution
#quotation()[Keep it simple. Admonish your
life.]
```

> **99 Quote**
>
> Keep it simple. Admonish
> your life.
>
> — The maintainer

> **99 Quote**
>
> Keep it simple. Admonish
> your life.

Parameters

attribution string or none

The author of the quote.
- If none is given (default), only the quote content will be shown.
- If provided, the quote will be shown as typst quote with the attribution passed to it.

Default: none

content content

the quote itself

..args arguments

Supports all parameter from clue().

4.15. success

Color	Icon	Title	Note
✅ #40a02b	✅	Success	

```
#success[All tests passed. It's worth a
try.]
```

> ✅ **Success**
>
> All tests passed. It's worth a try.

Parameters

4.16. task

Color	Icon	Title	Note
⬤ #8839ef	☰	Task	

```
#task[Check out this wonderful typst
package!]
```

> ☰ **Task 2**
>
> Check out this wonderful typst package!

Parameters

4.17. tip

Color	Icon	Title	Note
⬤ #179299	🔥	Tip	

```
#tip[Check out this cool package]
```

> 🔥 **Tip**
>
> Check out this cool package

Parameters

4.18. warning

Color	Icon	Title	Note
⬤ #df8e1d	⚠️	Warning	

```
#warning[Still a work in progress.]
```

> ⚠️ **Warning**
>
> Still a work in progress.

Parameters

5. Gentle Clues API

- clue()
- gentle-clues()

5.1. clue

Basic gentle-clue (clue) template function.

This function can be used to create custom clues. You can pass all of these parameters to the predefined clues (Section 2) as well to overwrite the default settings. If an argument is `auto` it will fallback to the value which is specified in `gentle-clues()`

Example:

```
#clue(title:"Test")[Some important content.]
```

> Test
>
> Some important content.

Parameters

```
clue(
    content: content ,
    title: string none ,
    icon: none image symbol ,
    accent-color: color gradient tiling ,
    header-color: auto color gradient tiling ,
    border-color: auto color gradient tiling ,
    body-color: none color gradient tiling ,
    width: auto length ,
    radius: auto length ,
    border-width: auto length ,
    stroke-width: auto length ,
    content-inset: auto length ,
    header-inset: auto length ,
    title-font: auto string ,
    title-weight-delta: auto int ,
    breakable: auto boolean ,
    headless: boolean
) -> content
```
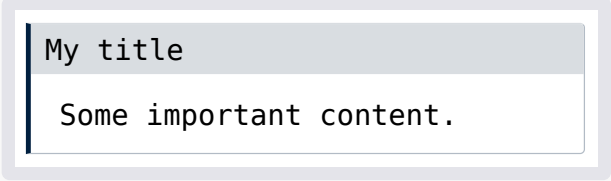
content `content`

Content inside the body.

Docs for `gentle-clues:1.3.0`

title   `string` or `none`

The title of the clue. If `none` the header is omitted.

```
#clue(title:"My title")[Some important
content.]
```
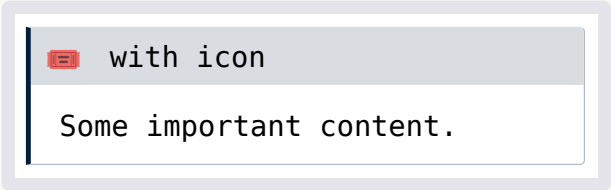
> **My title**
>
> Some important content.

Default: `none`

icon   `none` or `image` or `symbol`

The icon to show in front of the title.

```
#clue(title:"with icon", icon:
emoji.ticket)[Some important content.]
```
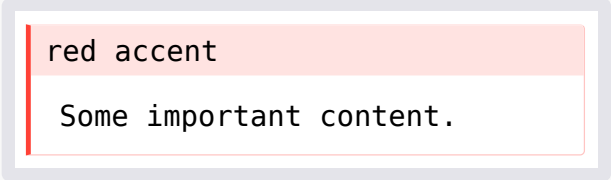
> 🎫 **with icon**
>
> Some important content.

Default: `none`

accent-color   `color` or `gradient` or `tiling`

The accent color defines the color of the stroke on the left side. If border-color and header-color are set to auto those get derived from the accent color.

```
#clue(title:"red accent", accent-color:
red)[Some important content.]
```
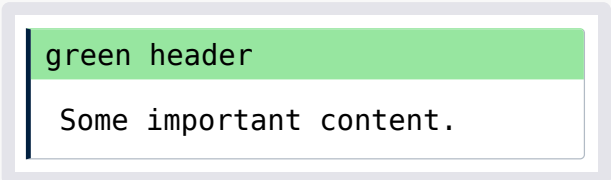
> **red accent**
>
> Some important content.

Default: navy

header-color   `auto` or `color` or `gradient` or `tiling`

The background color of the header.

```
#clue(title:"green header", header-color:
green.lighten(50%))[Some important
content.]
```
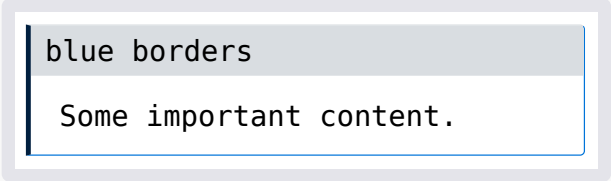
> **green header**
>
> Some important content.

Default: `auto`

border-color   `auto` or `color` or `gradient` or `tiling`

The color of the small border on the bottom and right side. If in headless mode also for the top border.

```
#clue(title: "blue borders", border-color:
blue)[Some important content.]
```
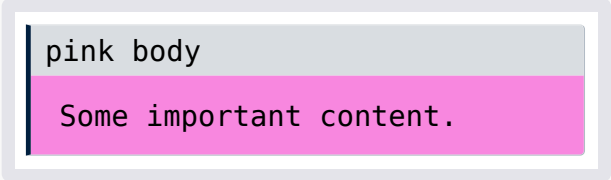
> blue borders
>
> Some important content.

Default: `auto`

---

body-color   `none` or `color` or `gradient` or `tiling`

The background color of the body.

```
#clue(title:"pink body", body-color:
fuchsia.lighten(50%))[Some important
content.]
```
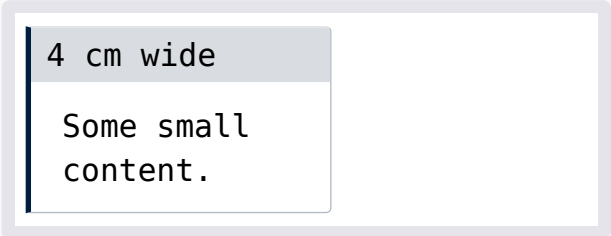
> pink body
>
> Some important content.

Default: `none`

---

width   `auto` or `length`

The total width of the clue.

```
#clue(title:"4 cm wide", width: 4cm)[Some
small content.]
```
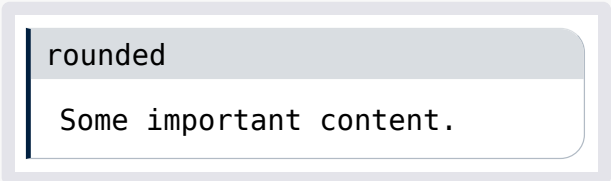
> 4 cm wide
>
> Some small
> content.

Default: `auto`

---

radius   `auto` or `length`

The border radius on the right side.

```
#clue(title:"rounded", radius: 10pt)[Some
important content.]
```

> rounded
>
> Some important content.

Default: `auto`

Docs for `gentle-clues:1.3.0`

border-width `auto` or `length`

Defines the width of the border.

```
#clue(title:"thick", border-width: 5pt,
border-color: orange)[Some important
content.]
```

> **thick**
>
> Some important content.

Default: `auto`

stroke-width `auto` or `length`

Defines the width of the stroke on the left side.

```
#clue(title:"big", stroke-width: 5pt,)
[Some important content.]
```

> **big**
>
> Some important content.

Default: `auto`

content-inset `auto` or `length`

The inset for the content body.

```
#clue(title:"squeeze", content-inset: 1pt)
[Some important content.]
```

> **squeeze**
> Some important content.

Default: `auto`

header-inset `auto` or `length`

Defines the inset for the header.

```
#clue(title:"tight", header-inset: 1pt)
[Some important content.]
```

> **tight**
>
> Some important content.

Default: `auto`

title-font   `auto` or `string`

The font which is used for the title.

```
#clue(title:"styled", title-font:"New
Computer Modern" )[Some important
content.]
```

> styled
>
> Some important content.

Default: `auto`

title-weight-delta   `auto` or `int`

The weight delta which is used for the title. Output depends on the used font.

```
#clue(title:"fat", title-weight-delta:
500)[Some important content.]
```

> **fat**
>
> Some important content.

Default: `auto`

breakable   `auto` or `boolean`

Defines if the clue is breakable. If `auto` it falls back to the default settings. See `gentle-clues()`

Default: `auto`

headless   `boolean`

Defines if clues should be shown without a header. If `auto` it falls back to the default settings. See `gentle-clues()`

```
#clue(title:"fat", headless: true)[Some
important content.]
```

> Some important content.

Default: `auto`

5.2. gentle-clues

Config the default settings for all clues globally.

Example: Change the default settings for all clues.

Docs for gentle-clues:1.3.0

```
#show: gentle-clues.with(
  headless: true,
  stroke-width: 6pt,
  width: 5.5cm,
)
#clue[With changed default settings.]
```

> With changed
> default settings.

Parameters

```
gentle-clues(
  breakable:  boolean ,
  headless:  boolean ,
  header-inset:  length ,
  width:  auto   length ,
  stroke-width:  length ,
  border-radius:  length ,
  border-width:  length ,
  content-inset:  length ,
  title-font:  auto   string ,
  title-weight-delta:  int ,
  body
) ->  content
```

breakable   boolean

defines if clues break across pages by default.

Default: false

headless   boolean

defines if clues should be shown without a header by default.

Default: false

header-inset   length

defines the default header-inset for all clues.

Default: 0.5em

width   auto or length

defines the default width for all clues.

Default: auto

stroke-width   length

defines the default stroke width of the left colored stroke for all clues.

Default: 2pt

Docs for `gentle-clues:1.3.0`

border-radius `length`

defines the default border radius for all clues.

Default: `2pt`

border-width `length`

defines the default border width for all clues.

Default: `0.5pt`

content-inset `length`

defines the default content inset of the body for all clues.

Default: `1em`

title-font `auto` or `string`

defines the default font for the title

Default: `auto`

title-weight-delta `int`

defines the default weight offset for the title

Default: `200`

Author: jomaway, License: MIT