Manual

- new()
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new

Create a new exercise environment.

Returns the function to be used when creating instances of this environment. If two arguments are provided when called, then the first is the question and the second the solution. If three arguments are provided, then the first is the title, the second the question, and the third the solution.

Parameters

```
new(
  identifier: str,
  supplement: none content function,
  numbering: none str function,
  group: none function
) -> function
```

identifier str

A unique key for the environment.

```
supplement none or content or function
```

The environment's supplement.

If a function is specified, it is passed the environment's body and should return content.

Default: none

```
numbering none or str or function
```

How to number the environment. Accepts a <u>numbering pattern or function</u>.

Default: "1"

Whether to further separate instances of this environment into groups based on its location in the document.

See group() for more information.

Default: none

group

Type signature of the function expected in new.group.

Parameters

```
group(location: location) -> str
```

questions

Display all the collected questions with the given formatting.

Requires context.

Parameters

```
questions(
  identifier: str,
  formatting: function,
  group: none str
) -> content
```

identifier str

Key of the environment to use.

```
formatting function
```

How to format each question.

See formatting() for more information.

```
group none or str
```

If new.group was specified when creating the environment, then a specific instance of the value returned by new.group must be given.

Default: none

solutions

Display all the collected solutions with the given formatting.

Requires context.

Parameters

```
solutions(
  identifier: str,
  formatting: function,
  group: none str
) -> content
```

identifier str

Key of the environment to use.

formatting function

How to format each solution.

See formatting() for more information.

```
group none or str
```

If new.group was specified when creating the environment, then a specific instance of the value returned by new.group must be given.

Default: none

formatting

Type signature of the function expected in questions. formatting and solutions. formatting.

Parameters

```
formatting(
  body: content,
  supplement: none content,
  number: none content,
  title: none content,
  opposite: label
) -> content
```

opposite label

Label pointing to the accompanying solution (question) of the current question (solution).

show-ref

Show rule to enable correct references to questions.

Should be applied with #show ref: show-ref at the start of the document.

Parameters

```
show-ref(it: ref) -> ref
```