

utils

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<c:\users\geral\documents\matlab\hw06\utils.py>

Helper functions for this project.

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Modules

[numpy](#)

[matplotlib.pyplot](#)

Functions

arrange_subplots(pltc)

[arrange_subplots](#)(pltc) -> fig, axes

Arranges a given number of plots to well formatted subplots.

Args:

pltc: The number of plots.

Returns:

fig: The figure.

axes: A list of axes of each subplot.

myinput(prompt, default=None, cast=None)

[myinput](#)(prompt, default=None, cast=None) -> arg

Handle an interactive user input.

Returns a default value if no input is given.

Casts or parses the input immediately.

Loops the input prompt until a valid input is given.

Args:

prompt: The prompt or help text.

default: The default value if no input is given.

cast: A cast or parser function.

time(...)

[time](#)() -> floating point number

Return the current time in seconds since the Epoch.

Fractions of a second may be present if the system clock provides them.

time_delta()

[time_delta](#)() -> delta

Captures time delta from last call.

Returns:

delta: Past time in seconds.

Data

last_call = 0