
UBelt Documentation

Release 0.9.3

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CHAPTER 1

The API by usefulness

Perhaps the most useful way to learn this API is to sort by “usefulness”. I measure usefulness as the number of times I’ve used a particular function in my own code (excluding ubelt itself).

Function name	Usefulness
<code>ubelt.repr2()</code>	1598
<code>ubelt.ProgIter()</code>	610
<code>ubelt.expandpath()</code>	610
<code>ubelt.ensuredir()</code>	482
<code>ubelt.take()</code>	337
<code>ubelt.odict()</code>	311
<code>ubelt.map_vals()</code>	272
<code>ubelt.dzip()</code>	246
<code>ubelt.augpath()</code>	209
<code>ubelt.NiceRepr()</code>	197
<code>ubelt.ddict()</code>	191
<code>ubelt.argval()</code>	184
<code>ubelt.cmd()</code>	176
<code>ubelt.argflag()</code>	171
<code>ubelt.flatten()</code>	168
<code>ubelt.codeblock()</code>	159
<code>ubelt.Timerit()</code>	158
<code>ubelt.NoParam()</code>	149
<code>ubelt.dict_hist()</code>	146
<code>ubelt.group_items()</code>	138
<code>ubelt.peek()</code>	134
<code>ubelt.iterable()</code>	124
<code>ubelt.hash_data()</code>	116
<code>ubelt.grabdata()</code>	93
<code>ubelt.delete()</code>	82
<code>ubelt.compress()</code>	76

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Function name	Usefulness
<code>ubelt.color_text()</code>	76
<code>ubelt.dict_subset()</code>	72
<code>ubelt.Cacher()</code>	68
<code>ubelt.allsame()</code>	66
<code>ubelt.Timer()</code>	57
<code>ubelt.argsort()</code>	53
<code>ubelt.oset()</code>	51
<code>ubelt.invert_dict()</code>	50
<code>ubelt.indent()</code>	47
<code>ubelt.chunks()</code>	45
<code>ubelt.memoize()</code>	44
<code>ubelt.dict_isect()</code>	42
<code>ubelt.timestamp()</code>	40
<code>ubelt.import_module_from_path()</code>	39
<code>ubelt.unique()</code>	36
<code>ubelt.map_keys()</code>	35
<code>ubelt.hzcat()</code>	35
<code>ubelt.find_duplicates()</code>	35
<code>ubelt.writeto()</code>	35
<code>ubelt.dict_union()</code>	34
<code>ubelt.ensure_unicode()</code>	30
<code>ubelt.readfrom()</code>	30
<code>ubelt.iter_window()</code>	29
<code>ubelt.sorted_vals()</code>	29
<code>ubelt.argmax()</code>	26
<code>ubelt.memoize_property()</code>	26
<code>ubelt.modname_to_modpath()</code>	25
<code>ubelt.symmlink()</code>	25
<code>ubelt.memoize_method()</code>	23
<code>ubelt.dict_diff()</code>	23
<code>ubelt.identity()</code>	22
<code>ubelt.hash_file()</code>	21
<code>ubelt.touch()</code>	19
<code>ubelt.import_module_from_name()</code>	17
<code>ubelt.highlight_code()</code>	16
<code>ubelt.find_exe()</code>	15
<code>ubelt.CacheStamp()</code>	13
<code>ubelt.find_path()</code>	9
<code>ubelt.AutoDict()</code>	8
<code>ubelt.split_modpath()</code>	7
<code>ubelt.shrinkuser()</code>	7
<code>ubelt.argmin()</code>	6
<code>ubelt.inject_method()</code>	6
<code>ubelt.download()</code>	5
<code>ubelt.modpath_to_modname()</code>	5
<code>ubelt.paragraph()</code>	5
<code>ubelt.CaptureStdout()</code>	4
<code>ubelt.sorted_keys()</code>	3
<code>ubelt.userhome()</code>	2

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Function name	Usefulness
<code>ubelt.AutoOrderedDict()</code>	2
<code>ubelt.argunique()</code>	2
<code>ubelt.unique_flags()</code>	2

Alternatively you might prefer a module-based approach where functions are grouped based on similar functionality.

2.1 `ubelt.orderedset`

`ubelt.OrderedSet()` `ubelt.oset()`

2.2 `ubelt.progiter`

`ubelt.ProgIter()`

2.3 `ubelt.timerit`

`ubelt.Timer()` `ubelt.Timerit()`

2.4 `ubelt.util_arg`

`ubelt.argval()` `ubelt.argflag()`

2.5 `ubelt.util_cache`

`ubelt.Cacher()` `ubelt.CacheStamp()`

2.6 `ubelt.util_cmd`

`ubelt.cmd()`

2.7 `ubelt.util_colors`

`ubelt.NO_COLOR()` `ubelt.highlight_code()` `ubelt.color_text()`

2.8 `ubelt.util_const`

`ubelt.NoParam()`

2.9 `ubelt.util_dict`

`ubelt.AutoDict()` `ubelt.AutoOrderedDict()` `ubelt.dzip()` `ubelt.ddict()` `ubelt.dict_hist()` `ubelt.dict_subset()` `ubelt.dict_union()` `ubelt.dict_isect()` `ubelt.dict_diff()` `ubelt.find_duplicates()` `ubelt.group_items()` `ubelt.invert_dict()` `ubelt.map_keys()` `ubelt.map_vals()` `ubelt.sorted_keys()` `ubelt.sorted_vals()` `ubelt.odict()`

2.10 `ubelt.util_download`

`ubelt.download()` `ubelt.grabdata()`

2.11 `ubelt.util_format`

`ubelt.repr2()` `ubelt.FormatterExtensions()`

2.12 `ubelt.util_func`

`ubelt.identity()` `ubelt.inject_method()`

2.13 `ubelt.util_hash`

`ubelt.hash_data()` `ubelt.hash_file()`

2.14 `ubelt.util_import`

`ubelt.split_modpath()` `ubelt.modname_to_modpath()` `ubelt.modpath_to_modname()`
`ubelt.import_module_from_name()` `ubelt.import_module_from_path()`

2.15 `ubelt.util_io`

`ubelt.readfrom()` `ubelt.writeto()` `ubelt.touch()` `ubelt.delete()`

2.16 `ubelt.util_links`

`ubelt.symlink()`

2.17 `ubelt.util_list`

`ubelt.chunks()` `ubelt.iterable()` `ubelt.take()` `ubelt.compress()` `ubelt.flatten()`
`ubelt.unique()` `ubelt.argunique()` `ubelt.unique_flags()` `ubelt.boolmask()` `ubelt.iter_window()` `ubelt.allsame()` `ubelt.argsort()` `ubelt.argmax()` `ubelt.argmin()`
`ubelt.peek()`

2.18 `ubelt.util_memoize`

`ubelt.memoize()` `ubelt.memoize_method()` `ubelt.memoize_property()`

2.19 `ubelt.util_mixins`

`ubelt.NiceRepr()`

2.20 `ubelt.util_path`

`ubelt.TempDir()` `ubelt.augpath()` `ubelt.shrinkuser()` `ubelt.userhome()` `ubelt.ensuredir()` `ubelt.expandpath()`

2.21 `ubelt.util_platform`

`ubelt.WIN32()` `ubelt.LINUX()` `ubelt.DARWIN()` `ubelt.POSIX()` `ubelt.platform_data_dir()` `ubelt.platform_config_dir()` `ubelt.platform_cache_dir()`
`ubelt.get_app_data_dir()` `ubelt.ensure_app_data_dir()` `ubelt.get_app_config_dir()`
`ubelt.ensure_app_config_dir()` `ubelt.get_app_cache_dir()` `ubelt.ensure_app_cache_dir()` `ubelt.find_exe()` `ubelt.find_path()`

2.22 `ubelt.util_str`

`ubelt.indent()` `ubelt.codeblock()` `ubelt.paragraph()` `ubelt.hzcat()` `ubelt.ensure_unicode()`

2.23 `ubelt.util_stream`

`ubelt.TeeStringIO()` `ubelt.CaptureStream()` `ubelt.CaptureStdout()`

2.24 `ubelt.util_time`

`ubelt.timestamp()`

2.24.1 ubelt

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2.24.1.1.1.21 ubelt.util_platform module

2.24.1.1.1.22 ubelt.util_str module

2.24.1.1.1.23 ubelt.util_stream module

CHAPTER 3

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