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\*

# `helpers`` #

Collection of helper functions used in conda tests.

## Functions#

``strip_expected``(stderr) |

---|---

``raises``(exception, func[, string]) |

``captured`` ([disallow\_stderr]) |

``assert_equals``(a, b[, output]) |

``assert_not_in``(a, b[, output]) |

``assert_in``(a, b[, output]) |

``add_subdir``(dist\_string) |

``add_subdir_to_iter``(iterable) |

``tempdir``() |

``supplement_index_with_repodata``(index, repodata, ...) |

``add_feature_records_legacy``(index) |

``_export_subdir_data_to_repodata`(subdir_data) |` This function is only temporary and meant to patch wrong / undesirable

``_sync_channel_to_disk`(subdir_data) |` This function is only temporary and meant to patch wrong / undesirable

``_alias_canonical_channel_name_cache_to_file_prefixed`(name) |` This function is only temporary and meant to patch wrong / undesirable

``_patch_for_local_exports`(name, subdir_data) |` This function is only temporary and meant to patch wrong / undesirable

``_get_index_r_base`(json_filename_or_packages, channel_name) |`

``_get_index_r_1`([subdir, add_pip, merge_noarch]) |`

``_get_index_r_2`([subdir, add_pip, merge_noarch]) |`

``_get_index_r_4`([subdir, add_pip, merge_noarch]) |`

``_get_index_r_5`([subdir, add_pip, merge_noarch]) |`

``_get_index_must_unfreeze`([subdir, add_pip, merge_noarch]) |`

``_get_index_cuda`([subdir, add_pip, merge_noarch]) |`

``record`([name, version, depends, build, build_number, ...]) |`

``_get_solver_base`(channel_id, tmpdir[, specs_to_add, ...]) |`

``_get_solver`(tmpdir[, specs_to_add, specs_to_remove, ...]) |`

``_get_solver_2`(tmpdir[, specs_to_add, specs_to_remove, ...]) |`

``_get_solver_4`(tmpdir[, specs_to_add, specs_to_remove, ...]) |`

``_get_solver_5`(tmpdir[, specs_to_add, specs_to_remove, ...]) |`

``_get_solver_aggregate_1`(tmpdir[, specs_to_add, ...]) |`

``_get_solver_aggregate_2`(tmpdir[, specs_to_add, ...]) |`

``_get_solver_must_unfreeze`(tmpdir[, specs_to_add, ...]) |`

``_get_solver_cuda`(tmpdir[, specs_to_add, ...]) |`

``convert_to_dist_str`(solution) |`

``solver_class`() |`

## Attributes#

`TEST\_DATA\_DIR` |

---|---

`CHANNEL\_DIR\_V2` |

`EXPORTED\_CHANNELS\_DIR` |

`expected\_error\_prefix` |

TEST\_DATA\_DIR#

CHANNEL\_DIR\_V2#

EXPORTED\_CHANNELS\_DIR#

expected\_error\_prefix \_ = 'Using Anaconda Cloud api site

<https://api.anaconda.org>'\_#

strip\_expected(\_stderr\_)#

`raises(_exception_ , _func_ , _string =None_)#`

`captured(_disallow_stderr =True_)#`

`assert_equals(_a_ , _b_ , _output ="_")#`

`assert_not_in(_a_ , _b_ , _output ="_")#`

`assert_in(_a_ , _b_ , _output ="_")#`

`add_subdir(_dist_string_)#`



```
add_subdir_to_iter(_iterable_)#
```

```
tempdir()#
```

```
supplement_index_with_repodata(_index_ , _repodata_ , _channel_ , _priority_)#
```

```
add_feature_records_legacy(_index_)#
```

```
_export_subdir_data_to_repodata(_subdir_data :
```

```
[conda.core.subdir_data.SubdirData](../../core/subdir_data/index.html#conda.core.subdir_data.Subd  
irData
```

```
"conda.core.subdir_data.SubdirData")_)#
```

This function is only temporary and meant to patch wrong / undesirable testing behaviour. It should end up being replaced with the new class-based, backend-agnostic solver tests.

```
_sync_channel_to_disk(_subdir_data :
```

```
[conda.core.subdir_data.SubdirData](../../core/subdir_data/index.html#conda.core.subdir_data.Subd  
irData
```

```
"conda.core.subdir_data.SubdirData")_)#
```

This function is only temporary and meant to patch wrong / undesirable testing behaviour. It should end up being replaced with the new class-based, backend-agnostic solver tests.

```
_alias_canonical_channel_name_cache_to_file_prefixed(_name_ , _subdir_data  
=None_)#
```

This function is only temporary and meant to patch wrong / undesirable testing behaviour. It should end up being replaced with the new class-based, backend-agnostic solver tests.

```
_patch_for_local_exports(_name_ , _subdir_data_)#
```

This function is only temporary and meant to patch wrong / undesirable testing behaviour. It should end up being replaced with the new class-based, backend-agnostic solver tests.

```
_get_index_r_base(_json_filename_or_packages_ , _channel_name_ , _subdir  
=context.subdir_ , _add_pip =False_ , _merge_noarch =False_)#
```

```
get_index_r_1(_subdir =context.subdir_ , _add_pip =True_ , _merge_noarch  
=False_)#
```

```
get_index_r_2(_subdir =context.subdir_ , _add_pip =True_ , _merge_noarch  
=False_)#
```

```
get_index_r_4(_subdir =context.subdir_ , _add_pip =True_ , _merge_noarch  
=False_)#
```

```
get_index_r_5(_subdir =context.subdir_ , _add_pip =False_ , _merge_noarch  
=False_)#
```

```
get_index_must_unfreeze(_subdir =context.subdir_ , _add_pip =True_ ,
```

```
_merge_noarch =False_)#
```

```
get_index_cuda(_subdir =context.subdir_, _add_pip =True_, _merge_noarch  
=False_)#
```

```
record(_name ='a'_, _version ='1.0'_, _depends =None_, _build ='0'_,  
_build_number =0_, _timestamp =0_, _channel =None_, ** kwargs_)#
```

```
_get_solver_base(_channel_id_ , _tmpdir_ , _specs_to_add =(),  
_specs_to_remove =(), _prefix_records =(), _history_specs =(), _add_pip  
=False_, _merge_noarch =False_)#
```

```
get_solver(_tmpdir_ , _specs_to_add =(), _specs_to_remove =(),  
_prefix_records =(), _history_specs =(), _add_pip =False_, _merge_noarch  
=False_)#
```

```
get_solver_2(_tmpdir_ , _specs_to_add =(), _specs_to_remove =(),
```

```
_prefix_records =(), _history_specs =(), _add_pip =False_, _merge_noarch  
=False_)#
```

```
get_solver_4(_tmpdir_ , _specs_to_add =(), _specs_to_remove =(),  
_prefix_records =(), _history_specs =(), _add_pip =False_, _merge_noarch  
=False_)#
```

```
get_solver_5(_tmpdir_ , _specs_to_add =(), _specs_to_remove =(),  
_prefix_records =(), _history_specs =(), _add_pip =False_, _merge_noarch  
=False_)#
```

```
get_solver_aggregate_1(_tmpdir_ , _specs_to_add =(), _specs_to_remove =(),  
_prefix_records =(), _history_specs =(), _add_pip =False_, _merge_noarch  
=False_)#
```

```
get_solver_aggregate_2(_tmpdir_ , _specs_to_add =(), _specs_to_remove =(),  
_prefix_records =(), _history_specs =(), _add_pip =False_, _merge_noarch  
=False_)#
```

```
get_solver_must_unfreeze(_tmpdir_ , _specs_to_add =(), _specs_to_remove =(),  
_prefix_records =(), _history_specs =(), _add_pip =False_, _merge_noarch  
=False_)#
```

```
get_solver_cuda(_tmpdir_ , _specs_to_add =(), _specs_to_remove =(),  
_prefix_records =(), _history_specs =(), _add_pip =False_, _merge_noarch  
=False_)#
```

```
convert_to_dist_str(_solution_)#
```

```
solver_class()#
```

\_\_On this page

\* Functions

\* Attributes

\* `TEST\_DATA\_DIR`

- \* ``CHANNEL_DIR_V2``
- \* ``EXPORTED_CHANNELS_DIR``
- \* ``expected_error_prefix``
- \* ``strip_expected()``
- \* ``raises()``
- \* ``captured()``
- \* ``assert_equals()``
- \* ``assert_not_in()``
- \* ``assert_in()``
- \* ``add_subdir()``
- \* ``add_subdir_to_iter()``
- \* ``tempdir()``
- \* ``supplement_index_with_repodata()``
- \* ``add_feature_records_legacy()``
- \* ``_export_subdir_data_to_repodata()``
- \* ``_sync_channel_to_disk()``
- \* ``_alias_canonical_channel_name_cache_to_file_prefixed()``
- \* ``_patch_for_local_exports()``
- \* ``_get_index_r_base()``
- \* ``get_index_r_1()``
- \* ``get_index_r_2()``
- \* ``get_index_r_4()``
- \* ``get_index_r_5()``
- \* ``get_index_must_unfreeze()``
- \* ``get_index_cuda()``
- \* ``record()``
- \* ``_get_solver_base()``

- \* ``get_solver()``
- \* ``get_solver_2()``
- \* ``get_solver_4()``
- \* ``get_solver_5()``
- \* ``get_solver_aggregate_1()``
- \* ``get_solver_aggregate_2()``
- \* ``get_solver_must_unfreeze()``
- \* ``get_solver_cuda()``
- \* ``convert_to_dist_str()``
- \* ``solver_class()``

[ [\\_\\_Edit on GitHub](https://github.com/conda/conda/edit/main/docs/source/dev-guide/api/conda/testing/helpers/index.rst)](https://github.com/conda/conda/edit/main/docs/source/dev-guide/api/conda/testing/helpers/index.rst)

[ [\\_\\_Show Source](https://github.com/conda/conda/blob/main/docs/source/dev-guide/api/conda/testing/helpers/index.rst)](../../../../../\_sources/dev-guide/api/conda/testing/helpers/index.rst.txt)

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Built with the [PyData Sphinx Theme](https://pydata-sphinx-theme.readthedocs.io/en/stable/index.html) 0.15.4.



