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*

`interface`#

JLAP interface for repodata.

Classes#

`JlapRepoInterface` | Helper class that provides a standard way to create an ABC using

---|---

`RepodataStateSkipFormat` | Load/save info file that accompanies cached repodata.json.

`ZstdRepoInterface` | Support repodata.json.zst (if available) without checking .jlap

`_class _JlapRepoInterface(_url : [str](https://docs.python.org/3/library/stdtypes.html#str "(in Python v3.13\))", _repodata_fn : [str](https://docs.python.org/3/library/stdtypes.html#str "(in Python v3.13\))" | [None](https://docs.python.org/3/library/constants.html#None "(in Python v3.13\))", _* ,
_cache :`

```
[conda.gateways.repodata.RepodataCache](../../index.html#conda.gateways.repodata.RepodataCa  
che "conda.gateways.repodata.RepodataCache")_, _** kwargs_)#
```

Bases:

```
[`conda.gateways.repodata.RepoInterface`](../../index.html#conda.gateways.repodata.RepoInterface  
"conda.gateways.repodata.RepoInterface")
```

Helper class that provides a standard way to create an ABC using inheritance.

```
repodata(_state : [dict](https://docs.python.org/3/library/stdtypes.html#dict "\ (in Python v3.13\))" |  
[conda.gateways.repodata.RepodataState](../../index.html#conda.gateways.repodata.RepodataStat  
e "conda.gateways.repodata.RepodataState")_> ->  
[str](https://docs.python.org/3/library/stdtypes.html#str "\ (in Python v3.13\))" |  
[None](https://docs.python.org/3/library/constants.html#None "\ (in Python v3.13\))")#
```

Fetch newest repodata if necessary.

Always writes to `cache_path_json`.

```
repodata_parsed(_state : [dict](https://docs.python.org/3/library/stdtypes.html#dict "\ (in Python  
v3.13\))" |  
[conda.gateways.repodata.RepodataState](../../index.html#conda.gateways.repodata.RepodataStat  
e "conda.gateways.repodata.RepodataState")_> ->  
[dict](https://docs.python.org/3/library/stdtypes.html#dict "\ (in Python v3.13\))" |  
[None](https://docs.python.org/3/library/constants.html#None "\ (in Python v3.13\))")#
```

JLAP has to parse the JSON anyway.

Use this to avoid a redundant parse when repodata is updated.

When repodata is not updated, it doesn't matter whether this function or the caller reads from a file.

```
_repodata_state_copy(_state : [dict])(https://docs.python.org/3/library/stdtypes.html#dict "(in Python  
v3.13\)|  
[conda.gateways.repodata.RepodataState](../index.html#conda.gateways.repodata.RepodataStat  
e "conda.gateways.repodata.RepodataState")_)#
```

```
_class _RepodataStateSkipFormat(_* args_, _skip_formats =set(), _** kwargs_)#
```

Bases:

```
[`conda.gateways.repodata.RepodataState`](../index.html#conda.gateways.repodata.RepodataSta  
te  
"conda.gateways.repodata.RepodataState")
```

Load/save info file that accompanies cached repodata.json.

```
skip_formats _ : [set](https://docs.python.org/3/library/stdtypes.html#set
```

```
"\n(in Python  
v3.13\")[str](https://docs.python.org/3/library/stdtypes.html#str "\n(in  
Python v3.13\")[_#
```

```
should_check_format(_format_)#
```

Return True if named format should be attempted.

```
_class _ZstdRepoInterface(_url : [str](https://docs.python.org/3/library/stdtypes.html#str "\n(in Python  
v3.13\")[_ , _repdata_fn : [str](https://docs.python.org/3/library/stdtypes.html#str "\n(in Python  
v3.13\")[_ | [None](https://docs.python.org/3/library/constants.html#None "\n(in Python v3.13\")[_ , _* _ ,  
_cache :  
[conda.gateways.repdata.RepdataCache](../index.html#conda.gateways.repdata.RepdataCa  
che "conda.gateways.repdata.RepdataCache")_ , _** kwargs_)#
```

Bases: `JlapRepoInterface`

Support repodata.json.zst (if available) without checking .jlap

```
_repdata_state_copy(_state : [dict](https://docs.python.org/3/library/stdtypes.html#dict "\n(in Python  
v3.13\")[_ |  
[conda.gateways.repdata.RepdataState](../index.html#conda.gateways.repdata.RepdataStat
```


e "conda.gateways.repodata.RepodataState")_)#

__On this page

* Classes

* ``JlapRepoInterface``

* ``JlapRepoInterface.repodata()``

* ``JlapRepoInterface.repodata_parsed()``

* ``JlapRepoInterface._repodata_state_copy()``

* ``RepodataStateSkipFormat``

* ``RepodataStateSkipFormat.skip_formats``

* ``RepodataStateSkipFormat.should_check_format()``

* ``ZstdRepoInterface``

* ``ZstdRepoInterface._repodata_state_copy()``

[__Edit on GitHub](https://github.com/conda/conda/edit/main/docs/source/dev-guide/api/conda/gateways/repodata/jlap/interface/index.rst)

[__Show Source](../../../../../_sources/dev-guide/api/conda/gateways/repodata/jlap/interface/index.rst.txt)

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