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* `Solvers`

`# Solvers#`

The conda solvers can be extended with additional backends with the ``conda_solvers`` plugin hook. Registered solvers will be available for configuration with the ``solver`` configuration and ``--solver`` command line option.

`_class _CondaSolver#`

Return type to use when defining a conda solver plugin hook.

For details on how this is used, see ``conda_solvers()``.

Parameters:

* **`name`** `-- Solver name (e.g., `custom-solver`).`

* **backend** \-- Type that will be instantiated as the solver backend.

backend#

name#

conda_solvers()#

Register solvers in conda.

Example:

```
import logging
```

```
from conda import plugins
```

```
from conda.core import solve
```

```
log = logging.getLogger(__name__)
```

```
class VerboseSolver(solve.Solver):

    def solve_final_state(self, *args, **kwargs):

        log.info("My verbose solver!")

        return super().solve_final_state(*args, **kwargs)
```

```
@plugins.hookimpl

def conda_solvers():

    yield plugins.CondaSolver(

        name="verbose-classic",

        backend=VerboseSolver,

    )
```

Returns:

An iterable of solver entries.

___On this page

* `CondaSolver`

* `CondaSolver.backend`

* `CondaSolver.name`

* `conda_solvers()`

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