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# **sprockets.handlers.heartbeat**

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A callback-based heartbeat handler



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# Installation

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`sprockets.handlers.heartbeat` is available on the [Python Package Index](#) and can be installed via `pip` or `easy_install`:

```
pip install sprockets.handlers.heartbeat
```





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## Requirements

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- tornado



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## API Documentation

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handlers.heartbeat

A callback-based heartbeat handler

**class** sprockets.handlers.heartbeat.**HeartbeatHandler** (*application, request, \*\*kwargs*)  
Heartbeat handler to determine if a service is healthy.

**get** ()  
Respond with the health of our service.

sprockets.handlers.heartbeat.**register\_callback** (*callable\_*)  
Register a callable to be checked during heartbeat.

This function adds a new heartbeat callback, which can be any callable that returns `True` if healthy, and `False` if it detects a problem. Any `False` return value will cause a call to the `HeartbeatHandler` to return a 500.

### 3.1 Examples

The following example demonstrates how to create a method that is invoked on each call to `/heartbeat` in a web application.

```
from sprockets.handlers import heartbeat
from tornado import web

def check_database():
    """Any check method should return a bool specifying the check is ok.

    :rtype: bool

    """
    return True

# Register the check method
heartbeat.register_callback(check_database)

# Create a Tornado application
app = web.Application([('/heartbeat', heartbeat.HeartbeatHandler)])
```



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## Version History

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See history



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## Issues

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Please report any issues to the Github project at <https://github.com/sprockets/sprockets.handlers.heartbeat/issues>





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### Source

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`sprockets.handlers.heartbeat` source is available on Github at <https://github.com/sprockets/sprockets.handlers.heartbeat>



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### License

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`sprockets.handlers.heartbeat` is released under the [3-Clause BSD license](#).



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