absbus.py

AUTHORS

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DATES

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INFORMATION

Brief

abstraction of the Analog Devices uP bus

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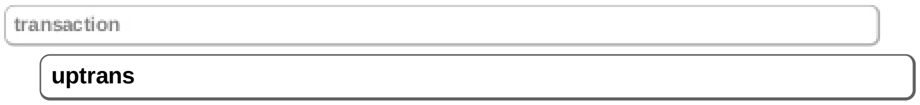
uptrans



create an object that associates a data member and address for operation.

upState

enum.IntEnum

upState

An enum class that provides the current state and will change states per spec.

upBase

busbase

upBase

upEchoSlave

upMaster

upMonitor

abstract base class that defines uP signals

VARIABLES

_signals

```
_signals
```

List of signals that are required

FUNCTIONS

__init__

```
def __init__(
self,
entity,
name,
clock,
resetn,
                                                                    *
args,
                                                                   **
kwargs
)
```

Setup defaults and call base class constructor.

_restart_rw

```
def _restart_rw(
self
)
```

kill and restart _run thread.

_run

```
async def _run(
self
)
```

_run thread that deals with read and write.

_run_read

```
async def _run_read(
self
)
```

Abstract method for read thread

_run_write

```
async def _run_write(
self
)
```

Abstract method for write thread