

absbus.py

AUTHORS

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DATES

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INFORMATION

Brief

abstraction of the apb3 bus

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apb3trans

transaction

apb3trans

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

apbState

enum.IntEnum

apbState

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

apb3Base

busbase

apb3Base

apb3EchoSlave

apb3Master

apb3Monitor

abstract base class that defines apb3 signals

VARIABLES

_signals

_signals

List of signals that are required

_optional_signals

_optional_signals

List of optional signals, these will never be required but will be used if found.

FUNCTIONS

__init__

```
def __init__(
    self,
    entity,
    name,
    clock,
    resetn,

    args,

    kwargs
)
```

*

**

Setup defaults and call base class constructor.

