

absbus.py

AUTHORS

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DATES

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INFORMATION

Brief

abstraction of the xilinx fifo bus

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xilinxFIFOtrans

transaction

xilinxFIFOtrans

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

xilinxFIFOsourceState

enum.IntEnum

xilinxFIFOsourceState

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

xilinxFIFOsinkState

enum.IntEnum

xilinxFIFOsinkState

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

xilinxFIFObase

busbase

xilinxFIFObase

xilinxFIFOsink

xilinxFIFOsource

abstract base class that defines Xilinx FIFO signals

FUNCTIONS

__init__

```
def __init__(
    self,
    entity,
    name,
    clock,
    resetn,
    fwft
    =
    False,
    ack
    =
    False,
    *,
    args,
    **,
    kwargs
)
```

Setup defaults and call base class constructor.