absbus.py

AUTHORS

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DATES

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INFORMATION

Brief

abstraction of the xilinx fifo bus

License MIT

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.