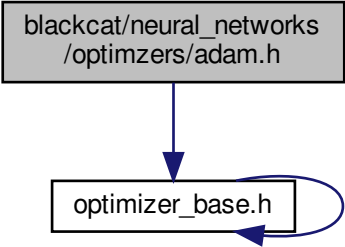


blackcat/neural_networks
/optimizers/adam.h



```
graph TD; A["blackcat/neural_networks/optimizers/adam.h"] --> B["optimizer_base.h"]; B --> B;
```

The diagram illustrates a file dependency. A gray rectangular box at the top contains the file path "blackcat/neural_networks/optimizers/adam.h". A blue arrow points vertically downwards from this box to a white rectangular box below it, which contains the file name "optimizer_base.h". A blue curved arrow originates from the right side of the "optimizer_base.h" box and loops back to its left side, indicating a self-dependency or a circular reference.

optimizer_base.h