

$\mu$ Proc

The diagram illustrates the memory stack of a microprocessor. At the top is a gray box labeled  $\mu$ Proc. Below it is a horizontal stack of eight memory segments. The first six segments are gray and labeled from left to right: Header, an unlabeled segment, IP, Stack, Env, and VStack. The last two segments are light blue and labeled Free and Alloc. A dotted line with small cross markers connects the  $\mu$ Proc box to the top of the memory stack, indicating the connection between the processor and its memory.

Header

IP

Stack

Env

VStack

Free

Alloc