Stack Frame

Static link points to static link in the most recent frame for the textually surrounding function.

To facilitate garbage collection, one can add a *dynamic link* and pointer to a *frame descriptor*, containing information on which fields are pointers.

next frame
temporary saves, incl. caller-save registers
local variables
callee-save registers
caller's %rbp   ⟵ callee's %rbp
return address
static link
first parameter
second parameter
.
.
last parameter
previous frame