ASLR

1st run	2nd run		n-th run
Kernel	Kernel		Kernel
Stack	Stack		Stack
Some Lib	Some Lib		Some Lib
Heap	Heap		Неар
BSS	BSS		BSS
Data	Data		Data
Text segment	Text segment		Text segment

With ASLR (in Linux /proc/sys/kernel/randomize_va_space = 1 / 2)

Source: Amos Brocco – SUPSI DTI