

```
<Basic Block Begin>
<func_foo>:
push %EBP
pop
inc
....
...
...
pop
<Basic Block End>
```

Native binary



```
<Basic Block Begin>
<func_foo>:
push %EBP
call <foo_begin>
pop
inc
....
...
...
call <foo_end>
pop
<Basic Block End>
```

Compiled with
instrumentation flag



```
<Basic Block Begin>
<func_foo>:
push %EBP
NOP <90>
pop
inc
....
...
...
NOP <90>
pop
<Basic Block End>
```

Replaced by NOP
OpCode



```
<Basic Block Begin>
<func_foo>:
push %EBP
call<begin_instr>
pop
inc
....
...
...
call<end_instr>
pop
<Basic Block End>
```

NOP replaced in run-
time by calls to
instrumentation
functions