

Caller-saved (volatile) registers :

- rax, rcx, rdx
- r8, r9, r10, r11
- rsi, rdi

Dove:

- function declarations & calls
- compile-time errors

Runtime Error

```
def f(...) ... end
let a = if f 3 then 4 else false in
a+2
```

Compile Error

```
[ def f(n) n+1 end
  f(2,4) ]
```

Dove Compile Errors:

- Incorrect # of args
- Undeclared function
- Unbound variable
- Duplicate function defn
- Duplicate parameter

[g()]

[x+1]

```
[ def f(n) n+1 end
  def f(m) m*2 end
  f(7) ]
```

```
[ def f(n,n,n) n end
  f(8,9,10) ]
```

