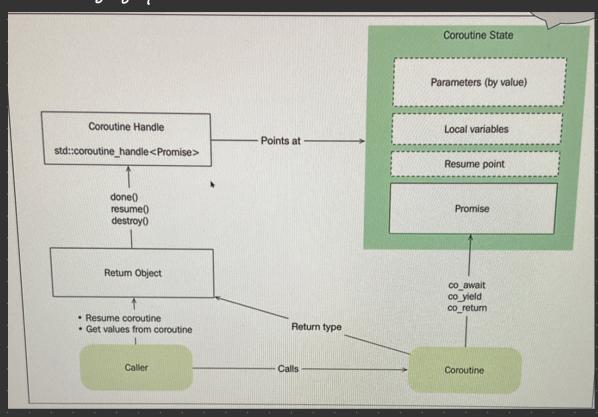
Declarior coratine state; olustractor, romatis granise nesnesini de olustra.

Olustrusten, Oyn zonenda coratine

sleter gostern, Coratine Hondle nemerini de obstava

· Cocartine interface nemerinin, cocartine stable instructioned from, cocartine interface in veri element olars, cocartine

· Bu simili be younger!



```
Coro cfunc()
    std::cout << "cfunc() [1]\n";
    co_await std::suspend_always{};
    std::cout << "cfunc() [2]\n";
```

suspend edildiklen sonra reame edebrimet for countine handle a infigure duriel

```
namespace std {
    template<typename Promise>
    struct coroutine_handle {
        //...
        // implicit conversion to coroutine_handle<void>:
         constexpr operator coroutine_handle<>() const noexcept;
        //...
    };
}
```

```
- Corompromise_type
   public:
        struct promise type;
        using handle type = std::coroutine handle<promise type>;
         void resume()
             h_.resume();
         struct promise_type {
7
18
              Coro get_return_object()
19
20
                   return Coro{ handle_type::from_promise(*this) };
21
22
               auto initial_suspend()
23
24
                   return std::suspend_always();
25
26
27
                auto final_suspend()noexcept
 28
 29
                    return std::suspend_always();
 30
 31
 32
                void unhandled_exception()
 33
  34
  35
  36
  37
                 void return_void()
  38
  39
   40
   41
   42
   43
   44
             };
   45
         private:
   46
              Coro(handle_type h) : h_(h) {}
   47
    48
              handle_type h_;
    49
          };
    50
    51
```

```
coro cfunc()
{
    std::cout << "cfunc() [1]\n";
    co_await std::suspend_always{};
    std::cout << "cfunc() [2]\n";
}

vint main()
{
    Coro f = cfunc();
    f.resume();

    std::cout << "main halen calisiyor\n";</pre>
```

```
I Microsoft Visual Studio Debug Console

func() [1]

func() [2]

nain halen calisiyor

C:\Users\necat\source\repos\C
```

Press any key to close this w

```
Coro cfunc()
{
    std::cout << "cfunc() [1]\n";
    co_await std::suspend_always{};
    std::cout << "cfunc() [2]\n";
}

int main()
{
    boolalpha(& _Iosbase: std::cout);
    Coro f = cfunc();
    std::cout << "done : " << f.done() << '\n';
    f.resume();
    std::cout << "done : " << f.done() << '\n';
    f.resume();
    std::cout << "done : " << f.done() << '\n';
    f.resume();
    std::cout << "done : " << f.done() << '\n';
    std::cout << "done : " << f.done() << '\n';
    std::cout << "done : " << f.done() << '\n';
    std::cout << "done : " << f.done() << '\n';
    std::cout << "done : " << f.done() << '\n';
    std::cout << "done : " << f.done() << '\n';
    std::cout << "\nmain halen calisiyor\n";
}</pre>
```

```
done : false
cfunc() [1]
done : false
cfunc() [2]
done : true

main halen calisiyor
```

```
h_.resume();
}
bool done() const
{
    return h_.done();
}

struct promise_type {
```

done admide but function

everth. Corontine hardlein share 7 0000 fine buttyse tree
function: cossinger!