```
    state

       + CompilationJob()
        + ~CompilationJob()
       + state()
        # UpdateState()
                     Δ
  v8::internal::OptimizedCompilationJob
  # time_taken_to_prepare
  # time_taken_to_execute_
  # time_taken_to_finalize_
  # timer
   compiler_name
  + OptimizedCompilationJob()
  + PrepareJob()
  + ExecuteJob()
  + FinalizeJob()
  + compiler_name()
  + prepare_in_ms()
+ execute_in_ms()
+ finalize_in_ms()
  + ElapsedTime()
  # PrepareJobImpl()
  # ExecuteJobImpl()
  # FinalizeJobImpl()
  # CollectRetainedMaps()
  # RegisterWeakObjectsInOptimized
  Code()
   v8::internal::TurbofanCompilationJob

    isolate

   compilation_info_
   trace_id
   + TurbofanCompilationJob()
   + compilation_info()
   + RetryOptimization()
   + AbortOptimization()
   + RecordCompilationStats()
   + RecordFunctionCompilation()
   + FinalizeOrder()
   + trace_id()
   + isolate()
   + Cancel()
                     Δ
     v8::internal::compiler
     ::CodeAssemblerCompilationJob
     + kNoFinalizeOrder
     # generator
     # installer
     # profile_data
     # initial_graph_hash_
     # zone
     # zone_stats_
# code_assembler_state_
     # assembler_options_
     # compilation_
     # node_origins
     # jump_opt_
# pipeline_statistics_
# finalize_order_
     + CodeAssemblerCompilation
     Job()
           deAssemblerCompilation
     Job()
     + operator=()
     + FinalizeOrder()
     # raw_assembler()
     # jsgraph()
     # PrepareJobImpl()
     # FinalizeJobImpl()
     # EmplacePipeline()
     # FinalizeCode()
     # NewJobForTesting()
     # ShouldOptimizeJumps()
                     Δ
v8::internal::compiler
::CodeAssemblerTurboshaftCompilationJob
- pipeline

    turboshaft data

+ ~CodeAssemblerTurboshaft
CompilationJob()
+ CodeAssemblerTurboshaftCompilation
Job()
+ operator=()
+ ExecuteJobImpl()
+ CodeAssemblerCompilation
Job()
+ CodeAssemblerCompilation
Job()
- EmplacePipeline()
FinalizeCode()
```

v8::internal::CompilationJob