```
# branch_offset_helper()
                                                # emit()
                                                # emit()
                                                # emit()
                                                # ClearVectorunit()
                                                # GenInstrR()
                                                # GenInstrR()
                                                # GenInstrR()
                                                # GenInstrR()
                                                # GenInstrR()
                                                and 48 more...
                                                                Д
                                                  v8::internal::AssemblerRISCVI
                                                  + lui()
                                                  + auipc()
                                                  + jal()
                                                  + jalr()
                                                  + beq()
                                                  + bne()
                                                  + blt()
                                                  + bge()
                                                  + bltu()
                                                  + bgeu()
                                                  and 80 more..
                                                  + JumpOffset()
                                                  + AuipcOffset()
                                                  + JalrOffset()
                                                  + LoadOffset()
                                                  + IsBranch()
                                                  + IsNop()
                                                  + IsJump()
                                                  + IsJal()
                                                  + IsJalr()
                                                  + IsLui()
                                                  + IsAuipc()
                                                  + IsAddi()
                                                  + IsOri()
                                                  + IsSIIi()
                                                  + IsLw()
                                                                Д
                                                     v8::internal::Assembler
                                               + rt
                                               + ra
                                               + rb
                                               + rc
                                               + VU
                                               + XMMRegister
                                               + YMMRegister
                                               + E6
                                               + XMMRegister
                                               + YMMRegister
                                               + kNoHandlerTable
                                               + kNoSafepointTable
                                               + kSpecialTargetSize
                                               + kMaxDistToPcRelativeConstant
                                               + kMaxDistToIntPool
                                               + kTypicalNumPending32Constants
                                               + kMaxNumPending32Constants
                                               + kVeneerCodeSize
                                               + kNoSafepointTable
                                               + kTestAlByte
                                               and 33 more...
                                               # reloc info writer
                                               # pending_32_bit_constants_
                                               # scratch_register_list_
                                               #_scratch_vfp_register
                                                list
                                               # zone
                                               # unresolved_branches
                                               # branch_link_chain_back
                                               # next_veneer_pool_check_
# jump_table_info_writer_
                                               # kGap
                                               # kMaxRelocSize
                                               # kVeneerDistanceMargin
                                               # kVeneerNoProtectionFactor
                                               # kVeneerDistanceCheckMargin
                                               constant_pool_deadline_
                                               - const_pool_blocked
                                                nesting
                                               - no_const_pool_before
                                               first_const_pool_32_use_
                                               last_bound_pos_veneer_pool_blocked
                                                nesting
                                               internal_reference
                                               _positions_
- constpool
                                               next_buffer_check_
                                               - trampoline_pool_blocked
                                                nesting
                                               and 22 more...
                                               - kMaximalBufferSize

    kCheckPoolDeadline

    kStartOfLabelLinkChain

                                               - kBufferCheckInterval

    kCheckConstIntervalInst

    kCheckConstInterval

                                               - kInvalidSlotPos
                                               - kMaxCondBranchReach

    kMaxBlockTrampolineSectionSize

                                               + Assembler()
                                               + Assembler()
                                               + ~Assembler()
                                               + AbortedCodeGeneration()
                                               + GetCode()
                                               + GetCode()
                                               + GetCode()
                                               + bind()
                                               + branch_offset()
                                               + GetScratchRegisterList()
                                               and 3929 more...
                                               + DefaultTmpList()
                                               + DefaultFPTmpList()
                                               + is_constant_pool_load()
                                               + constant_pool_entry
                                                address()
                                               + target_address_at()
                                               + set_target_address_at()
                                               + deserialization_special
                                                target_size()
                                               + deserialization_set
                                                target internal reference at()
                                               + uint32_constant_at()
                                               + set_uint32_constant_at()
                                               and 333 more..
                                               # buffer_space()
                                               # target_at()
                                               # target_at_put()
                                               # StartBlockConstPool()
                                               # EndBlockConstPool()
                                               # is_const_pool_blocked()
                                               # has_pending_constants()
# VfpRegisterIsAvailable()
                                               # VfpRegisterIsAvailable()
                                               # emit()
                                               and 101 more...
                                               # IsImmLSPair()
                                               # IsImmFP32()
                                               # IsImmFP64()
                                               # LoadOpFor()
                                               # LoadPairOpFor()
                                               # StoreOpFor()
                                               # StorePairOpFor()
                                               # LoadLiteralOpFor()
                                               # set_target_internal
                                                reference_encoded_at()
                                               # set_target_internal
                                                reference_encoded_at()
                                               # set_target_internal
                                               _reference_encoded_at()
- CheckBuffer()
                                                GrowBuffer()
                                                AddrMode1()

    AddrMode1TryEncodeOperand()

                                               - AddrMode2()
                                               AddrMode3()
                                               - AddrMode4()
                                               - AddrMode5()
                                               - print()
                                               bind_to()
                                               and 394 more...
                                               - FPToImm8()
                                               disassembleInstr()
                                                emit()
                                                              ДДД
   v8::internal::MacroAssemblerBase
# isolate
# code_object_
# root_array_available_
# hard abort
# has frame
# sandboxing_mode_
# maybe_builtin
                                                 v8::internal::PatchingAssembler
# comment_depth
                                                 + kAdrFarPatchableNNops
+ MacroAssemblerBase()
                                                 + kAdrFarPatchableNInstrs
+ MacroAssemblerBase()
+ MacroAssemblerBase()
                                                 - block constant pool
                                                  emission_scope
+ MacroAssemblerBase()
+ MacroAssemblerBase()
                                                 + PatchingAssembler()
+ isolate()
                                                 + ~PatchingAssembler()
+ CodeObject()
                                                 + Emit()
+ root_array_available()
+ set_root_array_available()
+ should_abort_hard()
                                                 + PadWithNops()
                                                 + PatchingAssembler()
                                                 + ~PatchingAssembler()
and 17 more...
                                                 + PatchAdrFar()
+ CanBelmmediate()
                                                 + PatchSubSp()
+ ReadOnlyRootPtr()
                                                 + PatchingAssembler()
+ RootRegisterOffsetForRoot
                                                 + ~PatchingAssembler()
Index()
+ RootRegisterOffsetForBuiltin()
+ RootRegisterOffsetForExternal
Reference()
+ RootRegisterOffsetForExternal
ReferenceTableEntry()
+ IsAddressableThroughRoot
Register()
# DISALLOW_IMPLICIT_CONSTRUCTORS()
            Α Α Α Α Α Α Α
      v8::internal::MacroAssembler
+ DECLARE_STORE_FUNCTION
+ kExtraSlotClaimedByPrologue
+ kSwitchTablePrologueSize
tmp_list_
fptmp_list_
has_double_zero_reg_set_has_single_zero_reg_set_

    kSmiShift

+ EnterFrame()
+ LeaveFrame()
+ AllocateStackSpace()
+ AllocateStackSpace()
+ PushCommonFrame()
+ StubPrologue()
+ Prologue()
+ DropArguments()
+ DropArgumentsAndPushNewReceiver()
+ PushStandardFrame()
                                                 v8::internal::SharedMacro
and 3387 more...
                                                      AssemblerBase
+ ActivationFrameAlignment()
+ IsNearCallOffset()
+ CountSetHalfWords()
+ DefaultTmpList()
                                                 + Move()
+ DefaultFPTmpList()
                                                 + Move()
+ IsImmMovn()
                                                 + Add()
+ IsImmMovz()
                                                 + And()
                                                 + Movhps()
+ InstrCountForLi64Bit()
+ IsNearCallOffset()
                                                 + Movlps()
+ CalculateTargetOffset()
                                                 + Blendvps()
and 11 more...
                                                 + Blendvpd()
                                                 + Pblendvb()
# PushHelper()
# PopHelper()
                                                 + Pinsrb()
# ConditionalCompareMacro()
                                                 and 60 more...
# AddSubWithCarryMacro()
                                                 # PinsrHelper()
# CallPrintf()
                                                 - I8x16SplatPreAvx2()
# DropArguments()
                                                 - I16x8SplatPreAvx2()
# GetRkAsRegisterHelper()
# GetOffset()
# GetRtAsRegisterHelper()
# GetOffset()
# GetRtAsRegisterHelper()
# GetOffset()
# GetSmiConstant()
# DropArguments()
- InvokePrologue()
- VFPCompareAndLoadFlags()
VFPCompareAndLoadFlags()
VFPCompareAndLoadFlags()

    VFPCompareAndLoadFlags()

- Jump()- FloatMaxHelper()
- FloatMinHelper()
FloatMaxOutOfLineHelper()
FloatMinOutOfLineHelper()
and 78 more...
 CalculateTargetOffset()

    SafepointRegisterStackIndex()
```

v8::internal::AssemblerRiscvBase