```
Assembler
+ kMaxRegisterCount
+ kMaxRegister
+ kMaxCaptures
+ kMaxCPOffset
+ kMinCPOffset
+ kTableSizeBits
+ kTableSize
+ kTableMask
+ kUseCharactersValue
slow_safe_compilerbacktrack_limit_

    can_fallback

    global_mode_

- isolate_
- zone
+ RegExpMacroAssembler()
   ~RegExpMacroAssembler()
+ GetCode()
+ AbortedCodeGeneration()
+ stack_limit_slack_slot
_count()
+ CanReadUnaligned()
+ AdvanceCurrentPosition()
+ AdvanceRegister()
+ Backtrack()
+ Bind()
and 55 more..

    + CaseInsensitiveCompareNon

Unicode()
+ CaseInsensitiveCompareUnicode()
+ IsCharacterInRangeArray()
# has_backtrack_limit()
# backtrack limit()
# can_fallback()
                  Δ
v8::internal::NativeRegExp
          MacroAssembler
# word character map
range_array_cache
+ NativeRegExpMacroAssembler()
+ ~NativeRegExpMacroAssembler()
+ CanReadUnaligned()
+ LoadCurrentCharacterImpl()+ LoadCurrentCharacterUnchecked()
+ Match()
+ ExecuteForTesting()
+ GrowStack()
+ CheckStackGuardState()
+ word_character_map
 _address()
# GetOrAddRangeArray()
Execute()
 v8::internal::RegExpMacro
           AssemblerIA32
 - masm
 no_root_array_scope_
 - mode
 - num_registers
 - num_saved_registers
 entry_labestart_label
         label
  success label

    backtrack_label

 exit_label
 check_preempt_labelstack_overflow_label
 - fallback label

    kFramePointerOffset

    kReturnAddressOffset

 - kFrameAlign

    kInputStringOffset

    kStartIndexOffset

 - kInputStartOffset

    kInputEndOffset

    kRegisterOutputOffset

    kNumOutputRegistersOffset

    kDirectCallOffset

 and 13 more...
 + RegExpMacroAssemblerIA32()
 + ~RegExpMacroAssemblerIA32()
 + stack_limit_slack_slot
  count()
 + AdvanceCurrentPosition()
 + AdvanceRegister()
 + Backtrack()
 + Bind()
 + CheckAtStart()
 + CheckCharacter()
 + CheckCharacterAfterAnd()
 and 38 more.
 + CheckStackGuardState()
 - StaticVariable()
  CallCFunctionFromIrregexp
 Code()
 - PushCallerSavedRegisters()
 PopCallerSavedRegisters()
 CheckPreemption()
    CheckStackLimit()
  AssertAboveStackLimitMinus
 Slack()
 CallCheckStackGuardState()

    CallIsCharacterInRangeArray()

 register_location()
 and 14 more.
  current character()
```

backtrack\_stackpointer()

v8::internal::RegExpMacro