```
+ kMaxCachedArrayIndexLength
             + kMaxArrayIndex
             + kMaxArrayIndexSize
             + kMaxIntegerIndexSize
             + kArrayIndexValueBits
             + kArrayIndexLengthBits
             + kDoesNotContainCachedArray
             IndexMask
             + kDoesNotContainIntegerOr
             ForwardingIndexMask
             - raw_hash_field
             + HasHashCode()
             + HasForwardingIndex()
             + HasInternalizedForwarding
             Index()
             + HasExternalForwardingIndex()
             + raw_hash_field()
             + raw_hash_field()
             + set_raw_hash_field()
             + set_raw_hash_field()
+ set_raw_hash_field
             _if_empty()
             _
+ hash()
             and 16 more...
             + Equals()
             + ContainsCachedArrayIndex()
             + ToFunctionName()
               ToFunctionName()
             + IsHashFieldComputed()
             + IsHash()
             + IsIntegerIndex()
             + IsForwardingIndex()
             + IsInternalizedForwarding
             Index()
             + IsExternalForwardingIndex()
             + CreateHashFieldValue()
             + CreateInternalizedForwarding
             Index()

    CreateExternalForwarding

             Index()
             GetRawHashFromForwarding
             Table()
                            Д
                    v8::internal::String
         + V8_OBJECT_INNER_CLASS_END
         + subject
         + string
         + allocation
         + length
         + kMaxOneByteCharCode
         + kMaxOneByteCharCodeU
         + kMaxUtf16CodeUnit
         + kMaxUtf16CodeUnitU
         + kMaxCodePoint
         + kMaxLength
         + kMaxHashCalcLength
         + kMaxShortPrintLength
         + kInlineLineEndsSize

    cons

    allocation

    source

        + MakeThin()
         + GetCharVector()
         + GetDirectStringChars()
         + GetDirectStringChars()
         + AddressOfCharacterAt()
         + length()
         + length()
         + set length()
         + set length()
         + IsOneByteRepresentation()
         and 42 more...
         + IsOneByteRepresentationUnderneath()
         + Compare()
         + IndexOf()
         + IndexOf()
         + LastIndexOf()
         + GetSubstitution()
         + Equals()
         + Isidentifier()
         + ToArrayIndex()
         + WriteToFlat()
        and 18 more...
         · GetImpl()
        - IsEqualToImpl()
         requires()
         SlowGetFlatContent()
         requires()
         SlowEquals()
         SlowEquals()

    SlowAsArrayIndex()

        SlowAsIntegerIndex()
         ComputeAndSetRawHash()
         ComputeAndSetRawHash()
         IsConsStringEqualToImpl()
          TryGetFlatContentFromDirect
        String()
         SlowEquals()
                            Д
              v8::internal::UncachedExternal
                          String
              # resource
                v8::internal::ExternalString
          # resource data
          ObjectTraits < ExternalString >
          + InitExternalPointerFields()
          + VisitExternalPointers()
          + is_uncached()
          + ExternalPayloadSize()
          + resource_as_address()
+ set_address_as_resource()
+ GetResourceRefForDeserialization()
          + SetResourceRefForSerialization()
          + DisposeResource()
          + InitExternalPointerFields
          DuringExternalization()
                                v8::internal::ExternalTwo
v8::internal::ExternalOne
                                         ByteString
       ByteString
                                + kHasOneByteEncoding
+ kHasOneByteEncoding
                                + resource()
```

+ resource()

+ GetChars()

+ Get()

+ SetResource()

+ set\_resource()

+ update data cache()

mutable\_resource()

+ SetResource()

+ set\_resource()

+ GetChars()

+ Get()

Data()

+ update\_data\_cache()

mutable\_resource()

+ ExternalTwoByteStringGet

v8::internal::Name

+ kHashNotComputedMask

+ kEmptyHashField