v8::internal::wasm ::Decoder

+ kNoValidation
+ kFullValidation
# start_
# pc_
# end_
# buffer_offset_
# error_
- format
- kMaxErrorMsg
- buffer
- args
- len
- error_

+ Decoder()
+ Decoder()
+ Decoder()
+ ~Decoder()
+ read_u8()
+ read_u16()
+ read_u32()
+ read_u64()
+ read_u32v()
+ read_i32v()
and 43 more...
- PRINTF_FORMAT()
- va_start()
- va_end()
- CHECK_LT()
- onFirstError()
- read_little_endian()
- consume_little_endian()
- read_leb()
- read_leb_slowpath()
- read_leb_tail()

v8::internal::wasm ::WasmDecoder< ValidationTag, decoding_mode >

+ zone_
+ local_types_
+ num_locals_
+ module_
+ enabled_
+ detected_
+ sig_
+ is_shared_
+ current_inst_trace_
+ validate

+ WasmDecoder()
+ zone()
+ num_locals()
+ local_types()
+ local_type()
+ DecodeLocals()
+ DecodeError()
+ Validate()
+ Validate()
+ Validate()
and 28 more...
+ AnalyzeLoopAssignment()
+ OpcodeLength()

< Decoder::FullValidation Tag >   < ValidationTag, kFunction Body >

v8::internal::wasm ::WasmDecoder< Decoder ::FullValidationTag >

+ zone_
+ local_types_
+ num_locals_
+ module_
+ enabled_
+ detected_
+ sig_
+ is_shared_
+ current_inst_trace_
+ validate

+ WasmDecoder()
+ zone()
+ num_locals()
+ local_types()
+ local_type()
+ DecodeLocals()
+ DecodeError()
+ Validate()
+ Validate()
+ Validate()
and 28 more...
+ AnalyzeLoopAssignment()
+ OpcodeLength()

v8::internal::wasm ::WasmDecoder< ValidationTag, kFunctionBody >

+ zone_
+ local_types_
+ num_locals_
+ module_
+ enabled_
+ detected_
+ sig_
+ is_shared_
+ current_inst_trace_
+ validate

+ WasmDecoder()
+ zone()
+ num_locals()
+ local_types()
+ local_type()
+ DecodeLocals()
+ DecodeError()
+ Validate()
+ Validate()
+ Validate()
and 28 more...
+ AnalyzeLoopAssignment()
+ OpcodeLength()

v8::internal::wasm ::WasmFullDecoder< Validation Tag, Interface, decoding_mode >

- locals_offset_
- interface_
- stack_
- initialized_locals_
- locals_initializers
stack
- control_
- current_code_reachable
_and_ok_
- has_nondefaultable
locals
- current_catch_
- validate

+ WasmFullDecoder()
+ ~WasmFullDecoder()
+ interface()
+ Decode()
+ TraceFailed()
+ SafeOpcodeNameAt()
+ position()
+ control_depth()
+ control_at()
+ stack_size()
and 11 more...
- ASSERT_TRIVIALLY_COPYABLE()
- SetSucceedingCodeDynamically
Unreachable()
- MarkMightThrow()
- TableAddressType()
- MemoryAddressType()
- MakeMemoryAccessImmediate()
- DECODE()
- DECODE()
- DECODE()
- DECODE()
and 134 more...
- UnreachableValue()
- NonConstError()
- UnknownOpcodeError()
- GetOpcodeHandlerTableEntry()

v8::internal::wasm ::FunctionBodyDisassembler

func_index_
current_opcode_
wire_bytes_
names_
used_types_
label_stack_
out_
label_occurrence_index_
label_generation_index_

+ FunctionBodyDisassembler()
+ DecodeAsWat()
+ DecodeGlobalInitializer()
+ used_types()
# GetOpcode()
# PrintImmediatesAndGetLength()
# PrintHexNumber()
# label_info()