FunctionTemplate generation for class exposure

TemplateFactory **ProxyObjectFactory** **ProxyFunctionFactory** **classRef: TClassRef** **functionTemplate: FunctionTemplate**

Assertion:
clazz provides public constructor and
is neither abstract nor pure virtual

createTemplate(classRef)

TemplateFactory → classRef: getClass()

classRef → TemplateFactory: class

TemplateFactory → functionTemplate: New(isolate, CallbackHandler::functionCallback)

functionTemplate → TemplateFactory: functionTemplate

loop [class->GetListOfPublicDataMembers() : type [where type->Property() & kIsStatic is true]]

createProxyObject(type, scope, holder)

proxyObject

Set(name, proxyObject->getProxy())

loop [class->GetListOfMethods() : func [where func->Property() & kIsStatic is true]]

Set(func->GetName(), CallbackHandler::functionCallback)

functionTemplate