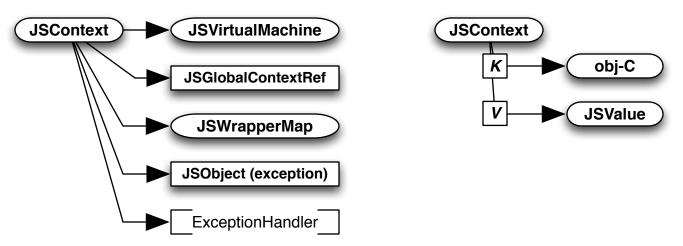
JSContext

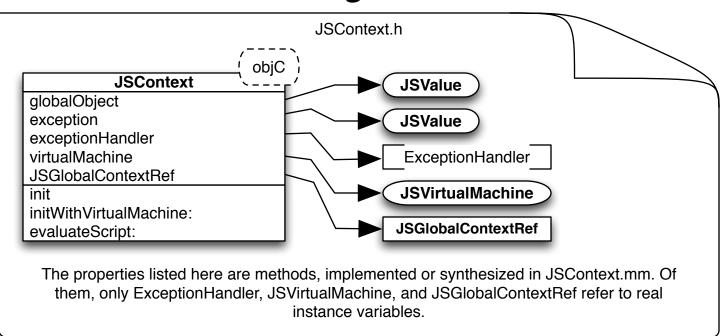
This is a wrapper for a JSGlobalContextRef. It also tracks the owning JSVirtualMachine, a JSWrapperMap, and a JS exception. If it is not initialized with an owning JSVirtualMachine, it creates its own.

Usage

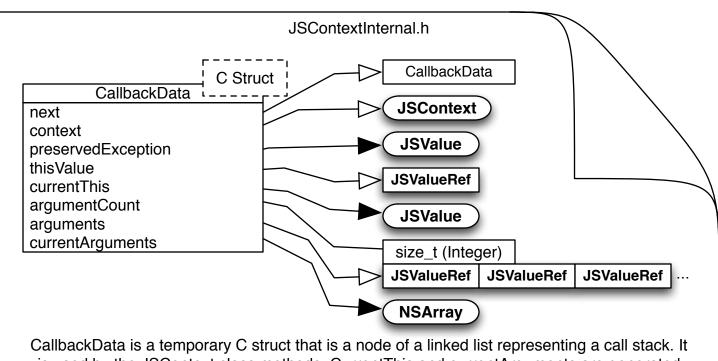
As a wrapper for a JS Context, one can execute scripts or fetch the JSValue that represents its global object. Additionally, it will store raised exceptions and accept a block exception handler. If treated as a key/value store, it fetches values from its global object.



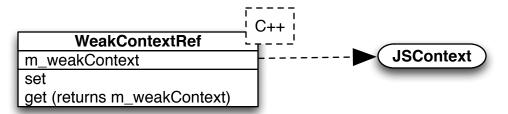
Diagram



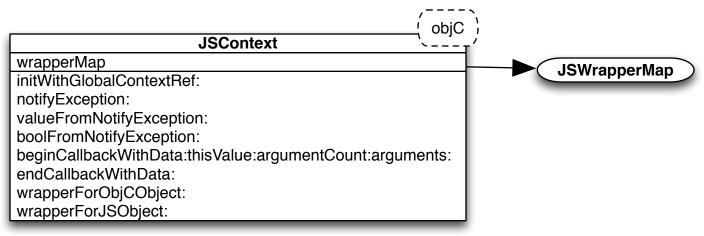
JSContext



CallbackData is a temporary C struct that is a node of a linked list representing a call stack. It is used by the JSContext class methods. CurrentThis and currentArguments are generated lazily from the JSCore versions.

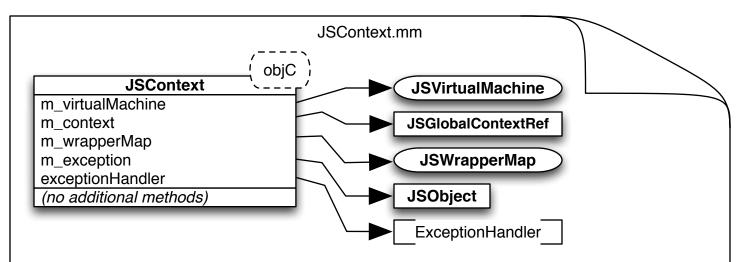


WeakContextRef is used by ObjCCallbackFunction to provide a weak relationship to an Objective C object in C++.



JSContext is further declared here. WrapperMap refers to a real instance variable.

JSContext



ExceptionHandler is implicitly created as an instance variable through @synthesize. Methods declared in JSContext.h and JSContextInternal.h are implemented here.

WeakContextRef's creator, destructor, and methods are implemented here, using the functions declared in ObjcRuntimeExtras.h.