

# class FB JSAPIAuto GetMethodObject

```
FB::JSAPIPtr FB::JSAPIAuto::GetMethodObject ( const std::string & methodObjName ) virtual
```

Gets a method object (**JSAPI** object that has a default method)

Often it is preferable with the plugins to have the API return a **JSAPI** object as a property and then call the default method on that object. This looks the same in javascript, except that you can save the function object if you want to. See `FB::JSFunction` for an example of how to make a function object

Parameters

**methodObjName** Name of the methodObj.

Returns

The methodObj value

Since

1.4

See Also

`FB::JSFunction`

Reimplemented from `FB::JSAPI`.

Definition at line 363 of file `JSAPIAuto.cpp`.

```
364 {
365     boost::recursive_mutex::scoped_lock lock(m_zoneMutex);
366     if (!m_valid)
367         throw object_invalidated();
368
369     if (memberAccessible(m_zoneMap.find(methodObjName)) && HasMethod(methodObjName)) {
370         MethodObjectMap::const_iterator fnd = m_methodObjectMap.find(boost::make_tuple
371 (methodObjName, getZone()));
372         if (fnd != m_methodObjectMap.end()) {
373             return fnd->second;
374         } else {
375             FB::JSFunctionPtr ptr(boost::make_shared<FB::JSFunction>(shared_from_this(),
376 methodObjName, getZone()));
377             m_methodObjectMap[boost::make_tuple(methodObjName, getZone())] = ptr;
378             return ptr;
379         } else {
380             throw invalid_member(methodObjName);
381         }
382     }
```

`FB::JSAPIAuto::HasMethod`

virtual bool HasMethod(const std::string &methodName) const  
Query if the JSAPI object has the 'methodName' method.

**Definition:** `JSAPIAuto.cpp:146`

`FB::JSAPIImpl::getZone`

virtual SecurityZone getZone() const  
Gets the currently active zone.

**Definition:** `JSAPIImpl.h:238`

Construct  
FireJ  
SEvent  
getValid  
getAttribute  
getMemberCount  
getMemberNames  
GetMethodObject  
GetProperty  
GetProperty  
HasMethod  
HasMethodObject  
HasProperty  
HasProperty  
Invoke  
isReserved  
JSAP  
IAutoRegisterAttribute  
registerMethod  
registerProperty  
RemoveProperty  
RemoveProperty  
setAttribute  
setProperty  
setProperty  
setReserved  
ToString  
unregisterMethod  
unregisterProperty

