

# class FB JSAPIAuto GetProperty

Construct  
FireJSEvent  
get\_valid  
getAttribute  
getMemberCount  
getMemberNames  
GetMethodObject  
GetProperty  
GetProperty  
HasMethod  
HasMethodObject  
HasProperty  
HasProperty  
Invoke  
isReserved  
JSAPIAuto  
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registerMethod  
registerProperty  
RemoveProperty  
RemoveProperty  
setAttribute  
SetProperty  
SetProperty  
setReserved  
ToString  
unregisterMethod  
unregisterProperty

```
FB::variant FB::JSAPIAuto::GetProperty(const std::string & propertyName) virtual
```

Gets a property value.

Parameters

**propertyName** Name of the property.

Returns

The property value

Implements **FB::JSAPI**.

Definition at line 191 of file **JSAPIAuto.cpp**.

```
192 {  
193     boost::recursive_mutex::scoped_lock lock(m_zoneMutex);  
194     if(!m_valid)  
195         throw object_invalidated();  
196  
197     ZoneMap::const_iterator zoneName = m_zoneMap.find(propertyName);  
198     PropertyFuncutorsMap::const_iterator it = m_propertyFuncutorsMap.find  
(propertyName);  
199     if(it != m_propertyFuncutorsMap.end() && memberAccessible(zoneName)) {  
200         return it->second.get();  
201     } else if (memberAccessible(zoneName)) {  
202         if (HasMethodObject(propertyName))  
203             return GetMethodObject(propertyName);  
204  
205         AttributeMap::iterator fnd = m_attributes.find(propertyName);  
206         if (fnd != m_attributes.end())  
207             return fnd->second.value;  
208         else if (m_allowDynamicAttributes) {  
209             return FB::FBVoid(); // If we allow dynamic attributes then we need to  
210             // return void if the property doesn't exist;  
211             // otherwise checking a property will throw an exception  
212         } else {  
213             throw invalid_member(propertyName);  
214         }  
215     } else {  
216         if (m_allowDynamicAttributes) {  
217             return FB::FBVoid();  
218         } else {  
219             throw invalid_member(propertyName);  
220         }  
221     }  
222 }
```

**FB::JSAPIAuto::HasMethodObject**

virtual bool HasMethodObject(const std::string &methodObjName) const  
Query if 'methodObjName' is a valid methodObj.

**Definition:** JSAPIAuto.cpp:155

**FB::JSAPIAuto::GetMethodObject**

virtual JSAPIPtr GetMethodObject(const std::string &methodObjName)  
Gets a method object (JSAPI object that has a default method)

**Definition:** JSAPIAuto.cpp:363