Scripter Extensions API

See Scripter Extensions for the theoretical background of these procedures and functions.

getChild(...)

```
getChild(object, childname, ofclass=None, recursive=True)
```

Return the first child of `object' named `childname', possibly restricting the search to children of type name `ofclass'. If `recursive' is true, search recursively through children, grandchildren, etc.

getChildren(...)

```
getChildren(object, ofclass=None, ofname=None, regexpmatch=False, recursive=True)
```

Return a list of children of `object', possibly restricted to children of class named `ofclass' or children named `ofname'. If `recursive' is true, search recursively through children, grandchildren, etc. See QObject::children() in the Qt docs for more information.

getProperty(...)

```
getProperty(object, property)
```

Return the value of the property `property' of the passed `object'. The `object' argument may be a string, in which case the named PageItem is searched for. It may also be a PyCObject, which may point to any C++ QObject instance. The `property' argument must be a string, and is the name of the property to look up on `object'. The return value varies depending on the type of the property.

getPropertyCType(...)

```
getPropertyCType(object, property, includesuper=True)
```

Returns the name of the C type of `property' of `object'. See getProperty() for details of arguments. If `includesuper' is true, search inherited properties too.

getPropertyNames(...)

```
getPropertyNames(object, includesuper=True)
```

Return a list of property names supported by `object'. If `includesuper' is true, return properties supported by parent classes as well.

setProperty(...)

```
setProperty(object, property, value)
```

Set `property' of `object' to `value'. If `value' cannot be converted to a type compatible with the type of `property', an exception is raised. An exception may also be raised if the underlying setter fails. See getProperty() for more information.