

## NAME

ObjectProperty

## SYNOPSIS

use ObjectProperty;

## DESCRIPTION

ObjectProperty is an abstract base class which implements methods not explicitly defined in classed derived from this class using Perl's AUTOLOAD functionality. These methods are generated on-the-fly for a specified object property:

```
Set<PropertyName>(<PropertyValue>);  
$PropertyValue = Get<PropertyName>();  
Delete<PropertyName>();
```

This class uses its parent class hash to set, get, and delete property names and values.

ObjectProperty module provides the following methods to be used in context of its parent class:

DeleteProperty, GetProperty, HasProperty, SetProperty, SetProperties

## METHODS

## DeleteProperty

```
DeleteProperty($Name);
```

Deletes specified property *Name*

## GetProperty

```
GetProperty($Name);
```

Returns value associated with specified property *Name*.

## HasProperty

```
HasProperty($Name);
```

Returns 1 or 0 based on whether specified property *Name* associated with an object.

## SetProperties

```
SetProperties(%NamesAndValues);
```

Using specified property name and value hash *NamesAndValues*, associates each property *Name* and *Values* to an object.

## SetProperty

```
SetProperty($Name, $Value);
```

Associate property *Name* and *Value* to an object.

## AUTHOR

Manish Sud <msud@san.rr.com>

## COPYRIGHT

Copyright (C) 2017 Manish Sud. All rights reserved.

This file is part of MayaChemTools.

MayaChemTools is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version.