

Formula Editor

RELEASE 2.16.0 OR LATER

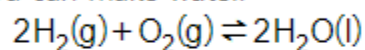
This is an equation editor plug-in that allows you to insert equations/chemical formulas and edit properties.



In elementary algebra, the **quadratic formula** is the solution of the quadratic equation.

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Water is made from two elements - Hydrogen and Oxygen. If you put the two gases together, along with energy, you can make water.



The entire formula for the surface area of a cylinder is $2\pi r^2 + 2\pi rh$



Use Module

The SynapEditor equation editor plug-in uses a commercial module called MathType.

If you wish to use it, please contact us through the page below.

- Product inquiry: <https://www.synapsoft.co.kr/contact/>
- MathType: <https://www.wiris.com/en/solutions/integrations/html-editors/>

How to use

Load plugin file

```

<!-- MathTypeYou need to add the library to use it. (https://www.npmjs.com/package/@wiris/mathtype-
generic#documentation) -->
<script src="url of mathtype-generic/wirisplugin-generic.js"></script>

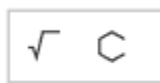
<!-- SynapEditor Since the object can be applied only when it exists, it must be included under the editor
script file. -->
<script src="url of mathType.min.js"></script>

```

Adding a Button to the Toolbar

Equation editing and formula editing buttons can be added to the toolbar area and menu area.

Add to Toolbar



synapeditor.config.js

```

//...
'editor.toolbar': [
    // formula/chemical formula
    'mathType.math', 'mathType.chem'
    //...
],
// ...

```

Setting up the plugin

Settting mathType

Sets the properties to be used when initializing the window.WirisPlugin.GenericIntegration object.

synapeditor.config.js

```

//...
'mathType.config': {
    'properties': {
        'configurationService': '/pluginwiris_engine/app/configurationjs'
    }
}
// ...

```