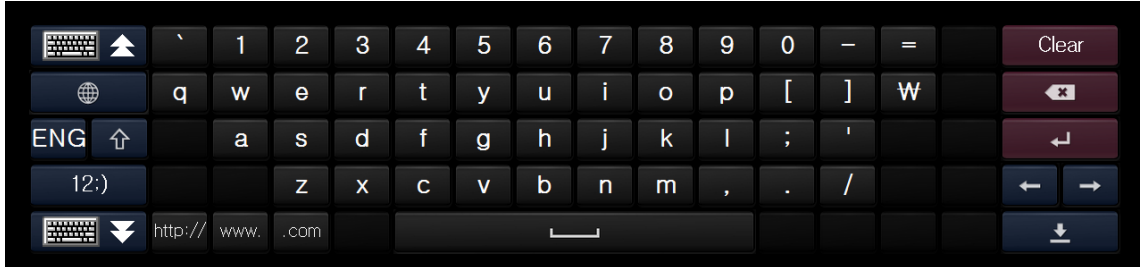


1.1 Virtual Keyboard

Virtual Keyboard is designed to appear as below when user clicks on the text input window. Developers can easily use virtual keyboard by including virtual keyboard library.

To download the Virtual Keyboard Library, go to **[TOOLS & SDK > Sample Codes > LG Web_Virtual Keyboard]** at Developer Lounge (<http://developer.lgappstv.com>). (Partners of LGE can download the library from [DOCS & TOOLS > Sample Codes] at <http://netcastdev.lge.com/>.)



1.1.1 Using Virtual Keyboard Library

To use the virtual keyboard, add the following script in the head of html file. In order to use virtual keyboard in iframes, it should be added in the html file connected to the iframe.
(Relative path of the jsLgVKeyboard folder should be modified according to the real path.)

```
<link type="text/css" rel="Stylesheet"
href="../../jsLgVKeyboard/LgVKeyboard.css" />
<script id="mainVKScript" type="text/javascript"
src="../../jsLgVKeyboard/LgVKeyboard.js"></script>
```

As Virtual Keyboard uses the keydown event, use the lgKb.onKeyDown method as below to use keydown event in the application instead of setting handler of window.onkeydown event.

```
<script>
    function onKeyDown(event) {
        var keyCode = event.keyCode;
        switch(keyCode) {
            case VK_LEFT :
                ...
                break;

            case VK_RIGHT :
                ...
                break;

            ...
        }
    }
    lgKb.onKeyDown = onKeyDown;
</script>
```

- Do not modify the folder structure and file name of jsLgVKeyboard.
- The script must include the following declaration: **id = "mainVKScript"**
- Virtual keyboard is enabled in the following tag/types:

Tag	Type
-----	------

Tag	Type
INPUT	TEXT
INPUT	PASSWORD
TEXTAREA	

- Beware of cross-domain problem when using iframe.
If an application uses multiple html files those are loaded from different domains, cross-domain problem occurs and virtual keyboard cannot be used in iframe.

1.1.2 Supported Language

Currently, virtual keyboard supports Korean and English. Other languages are planned to be supported in the future.

For other languages, refer to the Virtual Keyboard sample application.