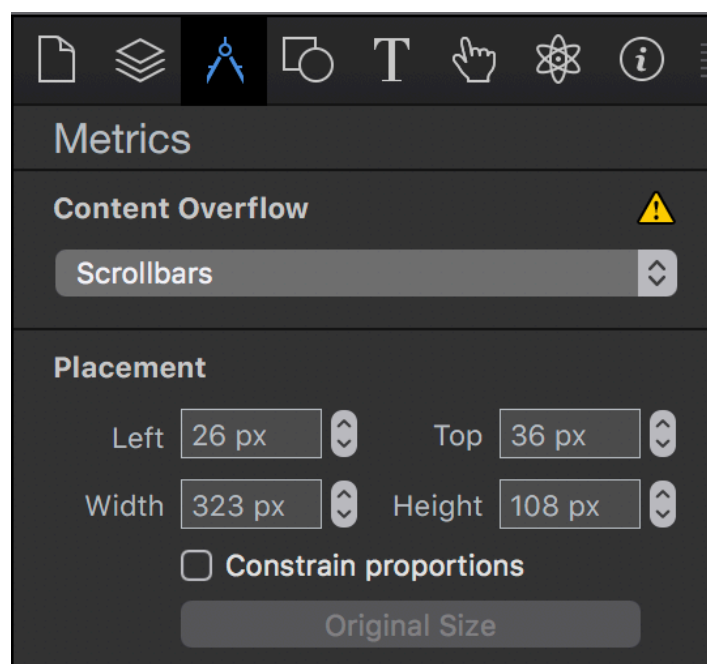Hype Video Player

The hype file doesn't use any timeline actions. It's simply a stage that contains an HTML Element and a video area element. The HTML element is a simple piece of code that looks like this:

```
<ul id="playlist">
    <li movieurl="http://triselcommunications.com/vids/omegaAd2.mp4"
moviesposter="http://triselcommunications.com/vids/smallTN.png">Omega
Advertisement</li>
    <li movieurl="http://triselcommunications.com/vids/small.mp4">Small Video
Clip</li>
    <li movieurl="http://triselcommunications.com/vids/Airbus.mp4">Airbus Promo
Video</li>
    <li movieurl="http://triselcommunications.com/vids/
dateWithThePlanet.mp4">Date With The Planet</li>
    <li movieurl="http://triselcommunications.com/vids/small.mp4">Small Video
Clip</li>
    <li movieurl="http://triselcommunications.com/vids/Airbus.mp4">Airbus Promo
Video</li>
    <li movieurl="http://triselcommunications.com/vids/omegaAd2.mp4">Omega
Advertisement</li>
    <li movieurl="http://triselcommunications.com/vids/small.mp4">Small Video
Clip</li>
    <li movieurl="http://triselcommunications.com/vids/Airbus.mp4">Airbus Promo
Video</li></ul>
```

As can be seen, this code can be extended to include as many video links as may be needed. Just copy and paste the … statements and change the url links and video titles.

In order to make it a scrolling list, select the HTML element on the page and choose Group from the hype menu bar. This will place a group bounding box around the HTML element. The bounding box can be reduced in height by dragging the bottom handles.

With the Group box selected, go to the metrics tab and set Content Overflow to Scrollbars as illustrated below: The list will now scroll within the bounds of the group bounding box.
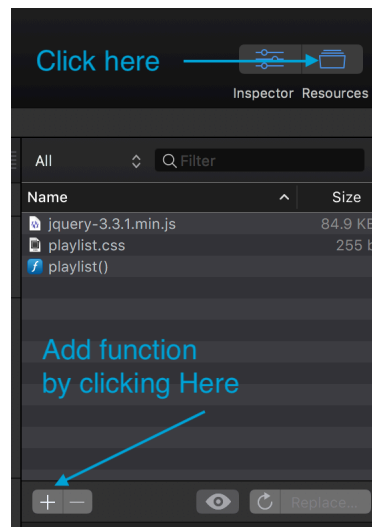
The video area element is another piece of simple HTML. to create it add anther HTML element to the stage and add the following code:

```
<video id="videoarea" controls="controls" poster="" src=""></video>
```

You can physically size the element on the stage to indicate where the video area will display. However, the actual display size of the video will be dictated by a small CSS style sheet.

In order to make it all work, you will need to add a small piece of Javascript. This is done by opening the resource panel in Hype and adding a javascript function.
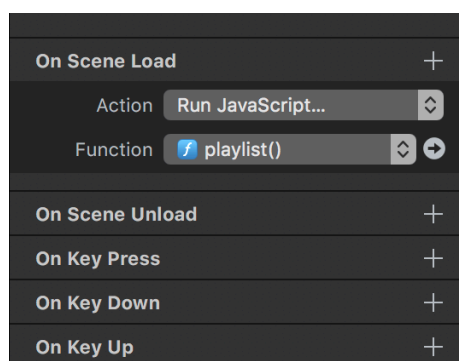

In the function window, add the following code:

```
    $(function() {
  $("#playlist li").on("click", function() {
     $("#videoarea").attr({
         "src": $(this).attr("movieurl"),
         "poster": "",
         "autoplay": "autoplay"
     })
  })
  $("#videoarea").attr({
     "src": $("#playlist li").eq(0).attr("movieurl"),
     "poster": $("#playlist li").eq(0).attr("moviesposter")
  })
})}
```

Be sure to name the function **playlist()**

In the scene inspector of Hype add the On Scene Load action as shown below:

You should now create a style sheet with the following minimum entries:

```css
#playlist {
    display:table;
}
#playlist li{
    cursor:pointer;
    padding:8px;
}

#playlist li:hover{
    color:blue;
}


#videoarea {
    float:left;
    width:720px;
    height:405px;
    margin:0px;
    border:0px;
}
```

Name the style sheet **playlist.css** and drag it into Hype's resources panel.

The final thing to do is to add a small piece of code to the document head. Click on the Edit Head HTML… button in hype's document inspector and add the following:

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/
jquery.min.js"></script>
```

The video player should now work when previewed.

To add new videos, simply edit the playlist html to include new links and descriptions.

You can style things by making additions to the playlist CSS.

Once it's working, export to a folder. Open the generated html file and follow the guidance to copy and paste the head and body code into your Blocs page. The head code is added through the page settings, whilst the body code is added to an HTML Bric.