

MUSE™ HUD Builder™

FEATURES

- Easy To Use
- Accommodates Dynamic and Static HUD Display Components
- Can Reconfigure HUD While in Stand-alone Desktop Mode or During Real Time Flight Simulation
- Significantly Reduces Amount of Time Required to Build or Change Display

The MUSE™ HUD Builder™ provides the ability to create and modify a MUSE™ IOS Heads Up Display (HUD), without ever having to change a line of code! All characteristics are applied via an XML file that identifies each HUD component. Adjustments can be made either manually while running the stand-alone desktop IOS simulator, or in real time using the HUD display on the MUSE IOS window. When you change a parameter in the XML file and save, the HUD is automatically updated.

The HUD Builder™ allows you to:

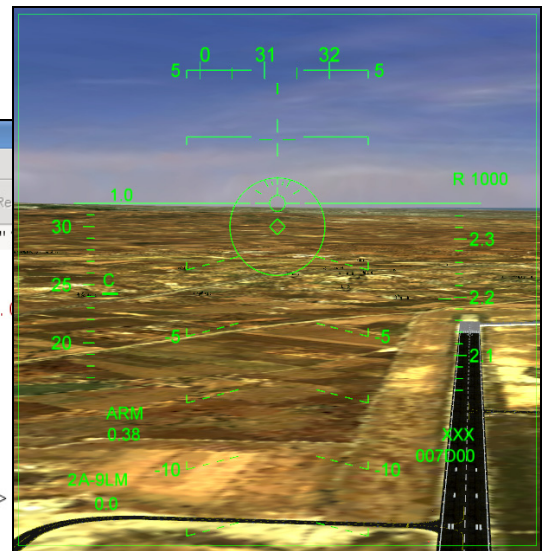
- Change the overall characteristics of the HUD display such as color, font, character size, etc.
- Change the look and feel of individual HUD components including: position, start/end points, alignment, labels, quantity, width, height, distance between lines, etc.

Additionally, the HUD Builder™ allows you to logically connect a variable in your program to a graphical component defined in the XML file.

```

F16Hud.xml - KWrite
File Edit View Tools Settings Help
New Open Save Save As Close Undo Re
1 <?xml version="1.0" encoding="ISO-8859-1"
2
3 <hud>
4   <color r="0.0" g="1.0" b="0.0" a="1.0" />
5   <font>helvetica-bold.ttf</font>
6   <font_size>0.65</font_size>
7   <main_offset x="0" y="5.27" z="0" />
8   <film>true</film>
9   <hud_body>
10    <component>
11      <type>rect</type>
12      <name>dogfight_speed_box</name>
13      <pos x="-8" y="2" z="0" />
14      <width>3</width>
15      <height>1.5</height>
16      <show_ptr>dogfight_show</show_ptr>

```



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