

## QGIS Application - Feature request #7868

### Integrate time manager plugin into core, add animation time variables to expression engine

2013-05-20 02:49 PM - Nyall Dawson

<b>Status:</b> Open	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Unknown	
<b>Pull Request or Patch Supplied:</b>	<b>Resolution:</b>
<b>Easy fix?:</b> No	<b>Copied to github as #:</b> 16743
<b>Description</b>	
<p>Watching <a href="http://www.youtube.com/watch?v=qKesia0aGwE">http://www.youtube.com/watch?v=qKesia0aGwE</a> makes me think how sweet it would be if a variant of the Time Manager plugin was integrated into core. This could then allow us to use the animation time parameter for data defined symbology/labelling expressions. I'm thinking points which grow/shrink/fade with time, labels which show for a few seconds when a point appears before smoothly fading away, ...!</p> <p>For instance, if the animation time was available via a variable such as "\$animation_datetime", then an expression for fading a symbol over a week could be something like:</p> <p>Color fill expression: color_rgba(255, 0, 0, scale_linear(day(age(\$animation_datetime, layer_time_column)) , 0, 7, 255, 0))</p> <p>Size expression: scale_linear(day(age(\$animation_datetime, layer_time_column)) , 0, 7, 30, 0)</p> <p>Would result in something like: <a href="http://www.youtube.com/watch?v=pM8XbzdIZIq">http://www.youtube.com/watch?v=pM8XbzdIZIq</a></p> <p>Even these kind of maps (from 0:22 onward) <a href="http://www.youtube.com/watch?v=cUhrEMEQfXw">http://www.youtube.com/watch?v=cUhrEMEQfXw</a> would be possible!</p>	

#### History

##### #1 - 2014-11-17 06:03 AM - Regis Haubourg

Hi, +1 with that, especially fading option and \$animation\_datetime, that would help a lot for visual interprétation.

Cheers

Régis

##### #2 - 2017-05-01 12:48 AM - Giovanni Manghi

- Easy fix? set to No

##### #3 - 2017-09-22 10:06 AM - Jürgen Fischer

- Category set to Unknown