# 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

Status: Open Priority: Normal

Assignee:

Category: Unknown

Pull Request or Patch shapplied: Resolution:

Easy fix?: No Copied to github as #: 16743

### **Description**

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, ...!

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:

Color fill expression:

color\_rgba(255, 0, 0, scale\_linear(day(age(\$animation\_datetime, layer\_time\_column)), 0, 7, 255, 0))

Size expression:

scale\_linear(day(age(\$animation\_datetime, layer\_time\_column)), 0, 7, 30, 0)

Would result in something like:

http://www.youtube.com/watch?v=pM8XbzdlZlg

Even these kind of maps (from 0:22 onward) http://www.youtube.com/watch?v=cUhrEMEQfXw would be possible!

## 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

2025-04-27 1/1