

## QGIS Application - Feature request #16436

### Auto, dynamic CRS

2017-04-11 06:04 AM - Gavin Fleming

<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> 24345
<b>Description</b>	
<p>Extend the CRS properties with some automatic options</p> <p>My use case:</p> <p>Set up a series of CRS transitions for working in South Africa, that will result in my project view always being in the ideal series for the location and scale.</p> <p>Albers&lt;-&gt;UTM&lt;-&gt;Transverse Mercator, transitioning between these at user-defined scales (with recommended defaults from EPSG or other sources)</p> <p>Then, once in a CRS, set its parameters dynamically based on current location and extent:</p> <p>Albers: dynamically set central meridian and first and second parallel UTM: dynamically choose best zone TM: dynamically choose best zone or set central meridian.</p> <p>Include the ability to use user-defined CRSs. This might entail extending user-defined CRS descriptions with optional valid extents.</p>	

### History

**#1 - 2017-05-01 12:46 AM - Giovanni Manghi**

- Easy fix? set to No

**#2 - 2017-09-22 09:53 AM - Jürgen Fischer**

- Category set to Unknown