QGIS Application - Feature request #16436
Auto, dynamic CRS

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

Status:	Open		
Priority:	Normal		
Assignee:			
Category:	Unknown		
Pull Request or Patch supplied:	No	**Resolution:**	
Easy fix?:	No	**Copied to github as #:**	24345

Description

Extend the CRS properties with some automatic options

My use case:

Set up a series of CRS transitions for working in South Africa, that will result in my project view always bing in the ideal series for the location and scale.

Albers<->UTM<->Transsverse Mercator, transitioning between these at user-defined scales (with recommended defaults from EPSG or other sources)

Then, once in a CRS, set its parameters dynamically based on current location and extent:

Albers: dynamically set central meridian and first and second parallel
UTM: dynamically choose best zone
TM: dynamically choose best zone or set central meridian.

Include the ability to use user-defined CRSs. This might entail extending user-defined CRS descriptions with optional valid extents.

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