

QGIS Application - Feature request #16436

Auto, dynamic CRS

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

Status:	Open	Resolution: Copied to github as #: 24345
Priority:	Normal	
Assignee:		
Category:	Unknown	
Pull Request or Patch supplied:		
Easy fix?:	No	
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 being in the ideal series for the location and scale.		
Albers<->UTM<->Transverse 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