Geologic symbols in QGIS

Release 1.0

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CONTENTS:

1 Introduction **1**

2 Installation **3**

3 Usage and conventions **5**

4 Symbol's developer/designer guide **7**
4.1 The Style Manager 7

5 Indices and tables **9**

CHAPTER

ONE

INTRODUCTION

Geologic mapping is an interpretative process which usually is finalized in the production of a geologic map, where a wide range of symbols are used to visually encode the information over the map sheet.

Symbology is divided into three main categories:

- line symbols: describing linear geologic feature, from geologic contact to faults and lineations
- point symbols: describing point measurements (strike, dip) or describing features too small to be mapped differently
- area patterns: differentiating one terrain/material/unit from another

CHAPTER

TWO

INSTALLATION

- Download the zipfile containing the symbology files.
- Extract the zip archive and move the svg directory to a place where you want to store the patterns and symbols. It can be any directory.
- Open QGis and go to 'Settings -> Options' (Ubuntu) or 'Preferences' (OSX) and select the second tab from the top: 'System'
- Under the SVG Paths form click the add button and select the directory where you moved the svg directory
- In QGis, go to 'Settings -> Style Manager' and click on 'Import/Export -> Import items' button (at bottom-left)
- Select the geologic_symblib.xml file you have found in the zip file

You should now have the geologic symbols working in your QGis!

CHAPTER

THREE

USAGE AND CONVENTIONS

CHAPTER

FOUR

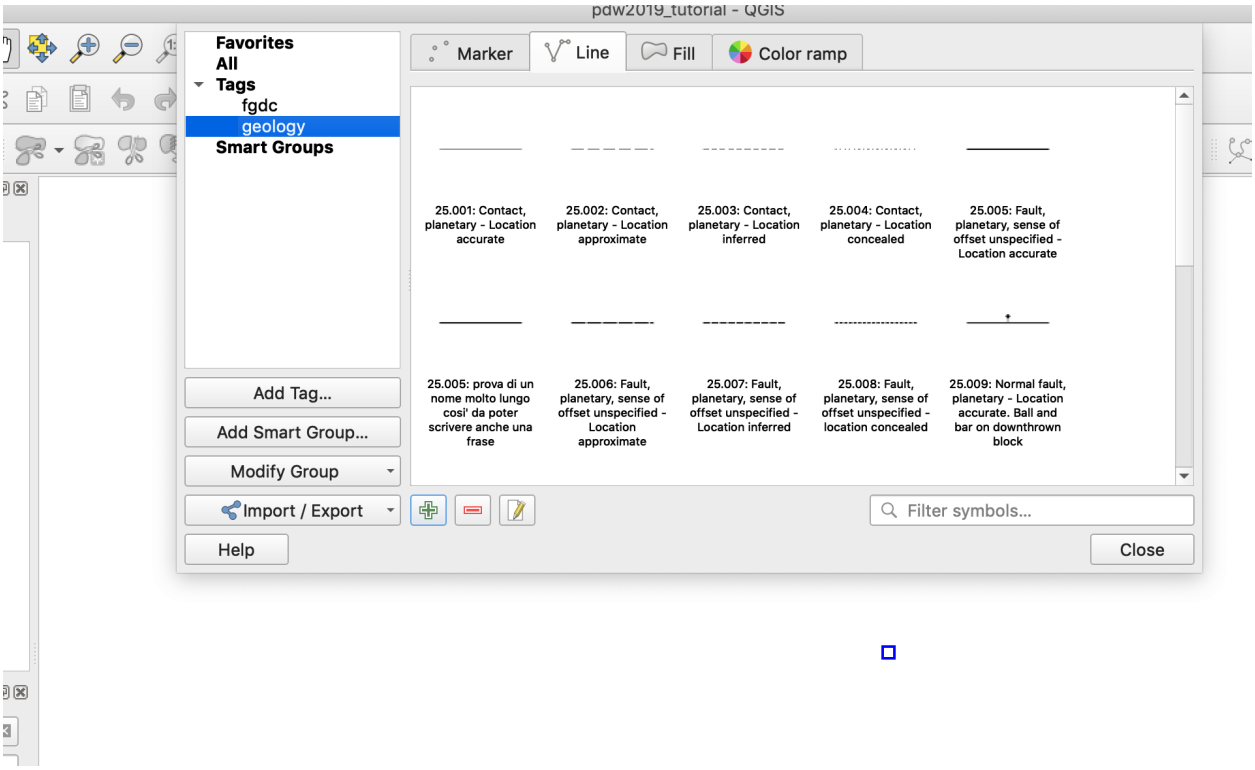
SYMBOL'S DEVELOPER/DESIGNER GUIDE

This guide will drive you through the process of designing new symbols you can submit to the main repository.

All you have to do is to design your symbol and export it to an xml file which can then be added to the current library.

4.1 The Style Manager

The style manager allow to design a symbol from scratch.



Authority's specific Conventions

FGCD

Naming:

> XX.YYY: string

here XX is the name of the FGDC section, and YYY is the code of the symbol, padded with 0s if the number is lower than 100.

This is the tutorial

CHAPTER

FIVE

INDICES AND TABLES

- genindex
- modindex
- search