The following was presented at DMT’10 (May 16-19, 2010).

The contents are provisional and will be superseded by a paper in the DMT’10 Proceedings.

Integrating Style Files and Carto Representation into the Geological Map Flow Process
(The GSC's implementation of the FGDC geologic symbology)

This poster presents the process of creating FGDC and GSC symbols for a style file and carto representation. Additionally, a master Excel spreadsheet is used to generate domains for feature coding and symbolizing geologic features, and to maintain harmony between the FGDC style item codes and carto representation rule IDs. The procedures below are in sequence and show as an example how fold feature symbols are managed. These procedures are integrated in the Geological Map Flow project to assist cartographers in map production.

1. SYMBOL REFERENCE AND REQUISITION

2. FONT CREATION

3. CREATE STYLE ITEM AND CHECK SYMBOL

4. GENERATE CARTO REPRESENTATION

5. CONVERT TABLE TO DOMAIN

6. ASSIGN DOMAIN

7. COPY CARTO REPS

8. JOIN TABLE

9. FEATURE CODING

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