

Debugging Analyses

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- *could not update ranged style: error in min/max calculation*

Details

could not update ranged style: error in min/max calculation

This error occurs with the following stack trace:

```
55579 - [StyleXMLUtils]: could not update ranged style: error in min/max calculation
java.lang.IllegalStateException: Must visit before min value is ready!
    at org.geotools.feature.visitor.MinVisitor.getResult(MinVisitor.java:110)
    at org.geotools.filter.function.Collection_MinFunction.calculateMin(Collection_MinFunction.java:84)
    at ncsa.gis.util.StyleXMLUtils.updateRangedStyle(StyleXMLUtils.java:175)
    at ncsa.gis.StyleProvider.createStyle(StyleProvider.java:66)
    at ncsa.gis.datasets.factories.ShapefileDatasetFactory.initializeDataset(ShapefileDatasetFactory.java:
209)
```

This error is most likely caused by the `PropertyName` in the `gisStyle` having not matching a field name in the dataset. This often occurs due to mismatched cases.

Example

```
<ogc:Filter>
  <ogc:And>
    <ogc:PropertyIsGreaterThanOrEqualTo>
      <ogc:PropertyName>MeanDamage</ogc:PropertyName>
      <ogc:Literal>0.0</ogc:Literal>
    </ogc:PropertyIsGreaterThanOrEqualTo>
    <ogc:PropertyIsLessThan>
      <ogc:PropertyName>MeanDamage</ogc:PropertyName>
      <ogc:Literal>0.2</ogc:Literal>
    </ogc:PropertyIsLessThan>
  </ogc:And>
</ogc:Filter>
```

Resolution

The `PropertyName` of `MeanDamage` should be all lowercase. Find/Replace `MeanDamage` with `meandamage`.