

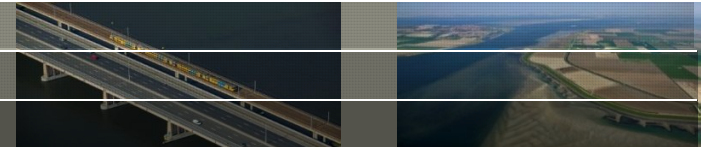


Delft-FEWS New Features Additional Configuration/Explanation

Break-out Session

3rd of May 2018

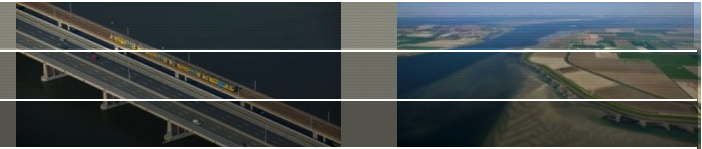
System wide thresholds display



<https://publicwiki.deltares.nl/display/FEWSDOC/29+System+Wide+Thresholds+Display>

```
<explorerTask name="Events">
<iconFile>table.png</iconFile>
<mnemonic>T</mnemonic>
  <taskClass>nl.wldelft.fews.gui.plugin.thresholdeventsviewer.ThresholdEventsTable
  Viewer</taskClass> <toolbarTask>>true</toolbarTask>
  <menubarTask>>true</menubarTask>
  <allowMultipleInstances>>false</allowMultipleInstances> <accelerator>ctrl
  T</accelerator> <loadAtStartup>>false</loadAtStartup>
</explorerTask>
```

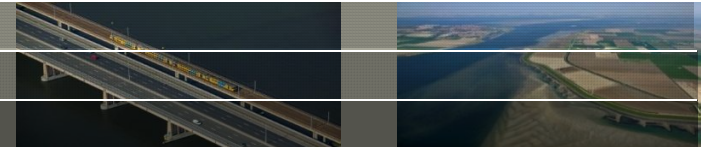
Calendar Aggregation by type



```
<quickViewStatisticalFunction function="calendarAggregation" ignoreMissings="true"
  aggregateByParameterType="true"> <timeStep id="daily00"/>
  <iconName>dailyv3.png</iconName> <label>Daily</label> <toolTip>Aggregate
  dailies</toolTip> <accelerator>ctrl alt D</accelerator>
</quickViewStatisticalFunction> <quickViewStatisticalFunction
  function="calendarAggregation" ignoreMissings="true"
  aggregateByParameterType="true"> <timeStep id="weekly00"/>
  <iconName>weekly.png</iconName> <label>Weekly</label> <toolTip>Aggregate
  weeklies</toolTip> <accelerator>ctrl alt W</accelerator>
</quickViewStatisticalFunction>
```

+ add customTimesteps!!

SSD enhancements



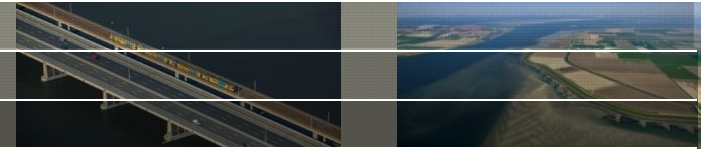
```
<displayName>Scada Display Twenthekanalen</displayName>  
<showTimeNavigatorToolbar> <timeNavigatorRelativePeriod unit="day"  
start="-30" end="0"/> <activate>true</activate>  
<showTimeNavigatorActivationToggle>true</showTimeNavigatorActivationTo  
ggle> </showTimeNavigatorToolbar>  
<backgroundColor>[HLH_blue]</backgroundColor>
```

```
<scadaPanel id="TK" name="Twenthekanalen 10 min">  
<svgFile>TK_Twentekanalen_10min.svg</svgFile>  
<overrulingTimeNavigatorTimeStep multiplier="10" unit="minute"/>  
<backgroundColor>yellow</backgroundColor>
```

<https://publicwiki.deltares.nl/pages/viewpage.action?pageId=8684020>

Deltares

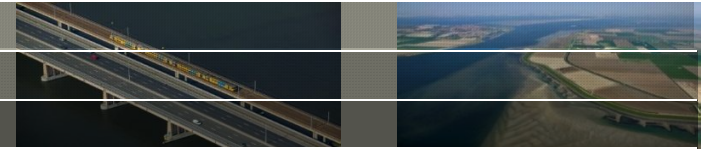
Scatterplot



Add to <showAsScatterPlot>

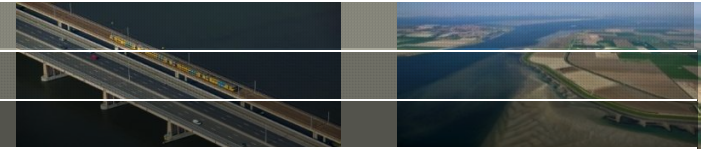
<createPairsByMatchingParameter>**false**</createPairsByMatchingParameter>

Whitespace between plots



The subplot element in displayGroups.xml now has an element `<plotSeparatorWeight>` (in addition to the `<plotWeight>` element) which controls the amount of whitespace above the subplot. For example, if two subplots are configured and the first subplot, second subplot and separator of the second subplot are all given equal weight, each will occupy 1/3 of the screen.

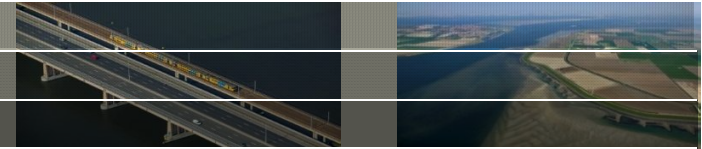
Wind as an arrow in plot



```
<parameterDisplayOptions id="WS.15">  
  <preferredColor>purple</preferredColor> <lineStyle>solid</lineStyle>  
  <markerRotationParameterId>WR.15</markerRotationParameterId>  
  <markerIcon>arrow_icon_test.png</markerIcon>  
  <markerRotationOffset>180</markerRotationOffset>  
</parameterDisplayOptions>
```

The offset is 0 by default and can be set to 180 to make the default marker icon point down (when the rotation parameter is 0) instead of up. When defining your own markerIcon you can now choose to flip the icon to the correct direction, or configure a rotation offset instead.

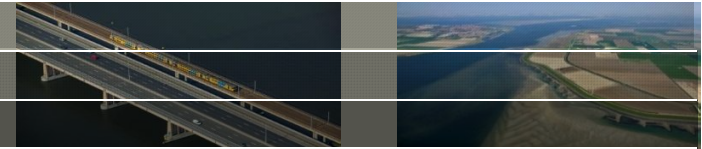
System Metrics



<https://publicwiki.deltares.nl/display/FEWSDOC/27+SystemMetrics>

(includes all pictures and config examples)

GUI in vietnames

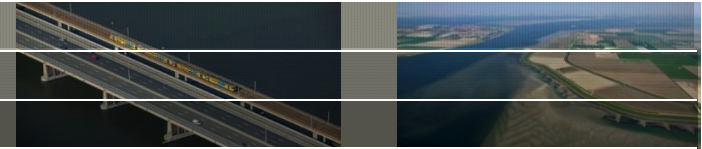


Set in global.properties

LANGUAGE=vn

COUNTRY=VN

Classification of point shapefiles



```
<esriShapeLayer id="VenH Lozingspunten" name="VenH Lozingspunten">  
  <file>VenH_lozingspunten.shp</file>  
  <pointIconId>meteo_site_data.gif</pointIconId>  
  <classBreaksAttributeName>OWA_OWA_ID</classBreaksAttributeName  
> <classBreaks> <break lowerValue="0" label="red"  
  icon="meteo_site_data.gif"/> <break lowerValue="1000" label="blue"  
  icon="meteo_site_data_blue.gif"/> </classBreaks> </esriShapeLayer>
```

<https://publicwiki.deltares.nl/display/FEWSDOC/GeoMap#GeoMap-CommonShapeLayerElements>

View modifiers in Tabular Config File

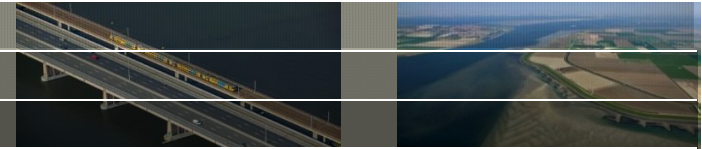
```
<explorerTask name="View Modifiers">  
    <iconFile>configFileDisplay.png</iconFile>  
    <mnemonic>T</mnemonic>  
    <predefinedDisplay>tabular config files  
display</predefinedDisplay>  
    <toolbarTask>true</toolbarTask>  
    <menubarTask>true</menubarTask>  
    <accelerator>ctrl T</accelerator>  
    <loadAtStartup>true</loadAtStartup>  
</explorerTask>
```

Configurable order of mods + multiple parameters

When a time series modifier can be applied to multiple parameters the parameter can be selected from a sub menu in the drop down list of the "create modifier"-button. The parameters are sorted alphabetically. It is now possible to configure the order of the parameters in the modifierDisplayConfig.xml

```
<dropDownMenuDisplayOrder>  
  <modifier id="rrichng"/>  
  <modifier id="tschng">  
    <parameterId>SQIN</parameterId>  
    <parameterId>STG</parameterId>  
  </modifier>  
</dropDownMenuDisplayOrder>
```

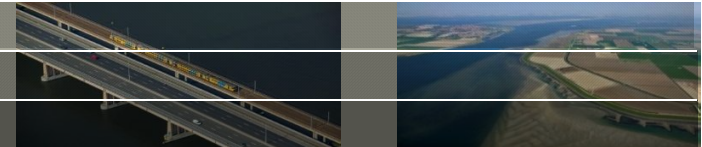
Configurable order of mods



By default the list of modifiers in the drop down menu of the "create modifier" button are sorted alphabetically. It is now possible to configure this order in the modifierDisplay.xml. It is not necessary to configure the order for all modifiers. These modifiers will added to the list alphabetically.

```
<dropDownMenuDisplayOrder>  
  <modifier id="wechng"/>  
  <modifier id="weadd"/>  
</dropDownMenuDisplayOrder>
```

Dropdown enumeration



Attributes can be modified by using location attribute modifiers. By default the attributes can be changed by using a text box. It is also possible to use a drop down list. The content of this drop downlist can be controlled by using an a multi value attribute.

```
<attribute id="NWP"> <selection>  
  <optionsControllingLocationAttributeId>NWP_OPTIONS</optionsControllingLocatio  
nAttributeId> </selection> <comment>Default value:  
  @NWP_DEFAULT@</comment>  
</attribute>
```



3 mei 2018

Deltares