


```

    </ncml:values>
</ncml:variable>
<ncml:variable name="lat" shape="rlat" type="float">
  <ncml:attribute name="standard_name" value="latitude" />
  <ncml:attribute name="long_name" value="Latitude values" />
  <ncml:attribute name="units" value="degrees_north" />
  <ncml:attribute name="axis" value="Y" />
  <ncml:attribute name="_CoordinateAxisType" value="Lat" />
</ncml:variable>
<ncml:variable name="time1" shape="time1" type="double">
  <ncml:attribute name="standard_name" value="time" />
  <ncml:attribute name="long_name" value="Time in days" />
  <ncml:attribute name="units" value="days since 1950-01-01 00:00:00" />
  <ncml:attribute name="calendar" value="standard" />
  <ncml:attribute name="_CoordinateAxisType" value="Time" />
  <ncml:values start="0" increment="1"/>
</ncml:variable>
</ncml:netcdf>

```

How to aggregate datasets?

```

<?xml version="1.0" encoding="UTF-8"?>
<ncml:netcdf xmlns:ncml="http://www.unidata.ucar.edu/namespaces/netcdf/ncml-2.2" location="dods://opendap.knmi.nl/knmi/
  <ncml:aggregation type="union">
    <ncml:netcdf location="dods://opendap.knmi.nl/knmi/thredds/dodsC/e-obs_0.25regular/elev_0.25deg_reg_v10.0.nc"/>
    <ncml:netcdf location="dods://opendap.knmi.nl/knmi/thredds/dodsC/e-obs_0.25regular/pp_0.25deg_reg_v10.0.nc"/>
    <ncml:netcdf location="dods://opendap.knmi.nl/knmi/thredds/dodsC/e-obs_0.25regular/rr_0.25deg_reg_v10.0.nc"/>
    <ncml:netcdf location="dods://opendap.knmi.nl/knmi/thredds/dodsC/e-obs_0.25regular/tg_0.25deg_reg_v10.0.nc"/>
    <ncml:netcdf location="dods://opendap.knmi.nl/knmi/thredds/dodsC/e-obs_0.25regular/tn_0.25deg_reg_v10.0.nc"/>
    <ncml:netcdf location="dods://opendap.knmi.nl/knmi/thredds/dodsC/e-obs_0.25regular/tx_0.25deg_reg_v10.0.nc">
      <variable name="tasmax" orgName="tx"/>
    </ncml:netcdf>
  </ncml:aggregation>
</ncml:netcdf>

```

How to aggregate files along an existing dimension?

```

<?xml version="1.0" encoding="UTF-8"?>
<ncml:netcdf xmlns="http://www.unidata.ucar.edu/namespaces/netcdf/ncml-2.2">
  <ncml:attribute name="svn_id" value="$Id: ncepReanalysis1_4xDaily.ncml 654 2015-03-05 17:27:46Z sixto $" />
  <ncml:dimension name="time" length="2924" isUnlimited="false"/>
  <ncml:variable name="time" shape="time" type="float">
    <ncml:attribute name="units" value="hours since 1948-01-01 00:00:00"/>
    <ncml:attribute name="_CoordinateAxisType" value="Time" />
    <ncml:values start="0" increment="6" />
  </ncml:variable>
  <ncml:aggregation dimName="time" type="joinExisting">
    <ncml:netcdf location="http://www.esrl.noaa.gov/psd/thredds/dodsC/Datasets/ncep_reanalysis/surface_gauss">
    <ncml:netcdf location="http://www.esrl.noaa.gov/psd/thredds/dodsC/Datasets/ncep_reanalysis/surface_gauss">
    <ncml:variable name="tas" orgName="air">
      <ncml:attribute name="_CoordinateAxes" value="time rlat rlon"/>
    </ncml:variable>
    <ncml:dimension name="rlon" orgName="lon"/>
    <ncml:variable name="rlon" shape="rlon" type="float">
      <ncml:attribute name="standard_name" value="longitude"/>
      <ncml:attribute name="long_name" value="longitude"/>
      <ncml:attribute name="_CoordinateAxisType" value="Lon"/>
      <ncml:attribute name="units" value="degrees_east"/>
      <ncml:values>0.0 1.875 3.75 5.625 7.5 9.375 11.25 13.125 15.0 16.875 18.75 20.625 22.5 24.375 26
    </ncml:variable>
  </ncml:aggregation>
</ncml:netcdf>

```

```

    <ncml:dimension name="rlat" orgName="lat" />
    <ncml:variable name="rlat" shape="rlat" type="float">
      <ncml:attribute name="standard_name" value="latitude" />
      <ncml:attribute name="long_name" value="latitude" />
      <ncml:attribute name="_CoordinateAxisType" value="Lat" />
      <ncml:attribute name="units" value="degrees_north" />
      <ncml:values>88.542 86.6531 84.7532 82.8508 80.9473 79.0435 77.1394 75.2351 73.3307 71.4262 69.5
    </ncml:variable>
    <ncml:remove name="lat" type="variable" />
    <ncml:remove name="lon" type="variable" />
  </ncml:aggregation>
</ncml:netcdf>

```

How to aggregate files along a new dimension?

```

<?xml version="1.0" encoding="UTF-8"?>
<netcdf xmlns="http://www.unidata.ucar.edu/namespaces/netcdf/ncml-2.2">
  <attribute name="Conventions" value="CF-1.6, _Coordinates, UW-1.0" />
  <attribute name="primary_variables" value="pr, psl, rls, rlut, tas, tasmax, tasmin" />
  <attribute name="svn_id" value="$Id: day_GloSea5_12_members_seasonal_sfc.ncml 906 2015-12-30 07:43:37Z sixto $" />
  <dimension name="member" length="4" isUnlimited="false" />
  <variable name="member" type="string" shape="member">
    <attribute name="standard_name" value="realization" />
    <attribute name="_CoordinateAxisType" value="Ensemble" />
    <attribute name="ref" value="http://www.uncertml.org/samples/realisation" />
    <values> 00 01 02 03 </values>
  </variable>
  <dimension name="time" length="20" isUnlimited="false" />
  <variable name="time" shape="time" type="int">
    <attribute name="long_name" value="Forecast time for ForecastModelRunCollection" />
    <attribute name="standard_name" value="time" />
    <attribute name="units" value="hours since 1996-01-25T12:00:00" />
    <attribute name="_CoordinateAxisType" value="Time" />
    <values> 0 24 48 72 96 120 144 168 192 216 240 264 288 312 336 360 384 408 432 456</values>
  </variable>
  <variable name="latitude" type="float">
    <attribute name="_CoordinateAxisType" value="Lat" />
  </variable>
  <variable name="longitude_0" type="float">
    <attribute name="_CoordinateAxisType" value="Lon" />
  </variable>
  <variable name="longitude" type="float">
    <attribute name="_CoordinateAxisType" value="Lon" />
  </variable>
  <variable name="pr" type="float" shape="member time latitude longitude">
    <attribute name="coordinates" value="member time latitude longitude" />
  </variable>
  <remove name="bnds" type="dimension" />
  <remove name="forecast_reference_time" type="variable" />
  <remove name="realization" type="variable" />
  <remove name="time_bnds" type="variable" />
  <remove name="forecast_period_bnds" type="variable" />
  <remove name="leadtime" type="variable" />
  <remove name="longitude_0" type="dimension" />
  <remove name="longitude_0" type="variable" />
  <aggregation dimName="member" type="joinNew">
    <variableAgg name="pr" />
  </aggregation>
  <netcdf>
    <aggregation dimName="time" type="joinExisting">
      <netcdf location="//oceanogmeteo/WORK/DATA/SPECS/output/MOHC/GloSea5/seasonal/ftp.ceda.ac.uk/bac
      <netcdf location="//oceanogmeteo/WORK/DATA/SPECS/output/MOHC/GloSea5/seasonal/ftp.ceda.ac.uk/bac

```

```
</aggregation>
</netcdf>
<netcdf>
  <aggregation dimName="time" type="joinExisting">
    <netcdf location="//oceanogmeteo/WORK/DATA/SPECS/output/MOHC/GloSea5/seasonal/ftp.ceda.ac.uk/ba
    <netcdf location="//oceanogmeteo/WORK/DATA/SPECS/output/MOHC/GloSea5/seasonal/ftp.ceda.ac.uk/ba
  </aggregation>
</netcdf>
<netcdf>
  <aggregation dimName="time" type="joinExisting">
    <netcdf location="//oceanogmeteo/WORK/DATA/SPECS/output/MOHC/GloSea5/seasonal/ftp.ceda.ac.uk/ba
    <netcdf location="//oceanogmeteo/WORK/DATA/SPECS/output/MOHC/GloSea5/seasonal/ftp.ceda.ac.uk/ba
  </aggregation>
</netcdf>
<netcdf>
  <aggregation dimName="time" type="joinExisting">
    <netcdf location="//oceanogmeteo/WORK/DATA/SPECS/output/MOHC/GloSea5/seasonal/ftp.ceda.ac.uk/ba
    <netcdf location="//oceanogmeteo/WORK/DATA/SPECS/output/MOHC/GloSea5/seasonal/ftp.ceda.ac.uk/ba
  </aggregation>
</netcdf>
</aggregation>
</netcdf>
```