

NHDPlus - download NHDPlus related grids and shapfiles

Usage:

SDMProjectBuilder - hydrography, Catchment and elev_cm
BASINS - full functionality

Inherits:

D4EManager.clsBaseDataExtension

Input:

Parameters:

Region as D4EMDataManager.Region
DataTypes as List of String
All
allgrid., elev_cm. fac, fdr
allshape, Basin, Catchment, nhdarea,
NHDFlowline, NHDLine, NHDPoint, NHDWaterbody, Region,
streamgageevent, SubBasin,Subregion, Subwatershed,Watershed,
Drainage, hydrography, hydrologicunits
Cache Folder as String
Save Folder as String
Projection as String (PROJ4 format)
JoinAttributes as Boolean

Output:

Files:

grid or shapefiles corresponding to each DataType

Libraries:

D4EMDataManager/SpatialOperations
Region(4)
AlbersProjections(1)
ChangeGridFormat(2)
CopyProcStepsFromCachedFile(2)
DownloadURL(3)
MergeLayers(2)
ProjectAndClipShapeLayers(1)
ProjectGrid(1)
SameProjection(1)
Zipper.UnzipFile(1)
MapWinUtility
Logger(33)
ProgressLevel(5)
TryDelete(6)
atcUtility
AddFilesInDir(1)
GetEmbeddedFileAsString(1)
GetTemporaryFileName(1)
NewTempDir(1)
OpenFile(1)
ReadableFromXML(1)
StrFirstInt(1)
TryMove(4)

