NLCD2001 - download grids from 'seamless.usgs.gov' and reproject

Usage:
      SDMProjectBuilder - only 'LandCover 2001' data type
      BASINS - full functionality
Inherits:
      D4EManager.clsBaseDataExtension
Input:
      Parameters:
            Region as D4EMDataManager.Region
            DataTypes as List of String
                  LandCover - 2001, 1992
                  Canopy - 2001
                  ImperviousSurface - 2001
            Cache Folder as String
            Save Folder as String
            Projection as String (PROJ4 format)
Output:
      Files:
            NLCD_<DataType>_<Year>.tif
            NLCD_<DataType>_<Year>.tif.xml (metadata)
            NLCD_<DataType>_<Year>.prj
Libraries:
      D4EMDataManager
            Region(3)
            SpatialOperations
                  AddProcessStepToLayer(1)
                  AlbersProjections(1)
                  CopyProcStepsFromCachedFile(1)
                  GeographicProjection(1)
                  MergeLayers(1)
                  ProjectAndClipGridLayers(1)
                  SameProjection(1)
            Zipper
                  UnzipFile(1)
      MapWinUtility
            Logger(25)
            TryDelete(1)
      atcUtility
            AddFilesInDir(1)
            GetEmbeddedFileAsString(1)
            GetTemporaryFileName(1)
            NewTempDir(1)
            OpenFile(1)
            ReadableFromXML(1)
            StrFirstInt(1)
            TryMove(4)
Geoprocessing:
      MW4: none, see use of D4EManager.SpatialOperations

NLCD2001Data
Class
clsBaseDataExtension

Properties
  Author
  Name
  QuerySchema

Methods
  Execute (+ 1 ove...
  New