



PRESIDÊNCIA DA REPÚBLICA
CASA CIVIL
CENTRO GESTOR E OPERACIONAL DO SISTEMA DE PROTEÇÃO DA AMAZÔNIA
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December 5, 2008.

Procedure for install source of “Synchronized Google Earth with View map of ArcMap”.

1. Sources files:

- a. Class: CGoogleEarth.cls and CMapCalcGE.cls
- b. Form: frmSyncArcGE.frm (pair frmSyncArcGE.frx)
- c. Modules: SyncArcGE.bas and WinFunctions.bas
- d. Content of ThisDocument: Init_SyncArcGE.bas

2. Import sources files to ArcMap:

This steps can used for save in MXD or Normal.MXT.

I will show for Normal.MXT.

- a. Open ArcMap
- b. Open VBA of ArcMap:
Menu: Tools/Macros/Visual Basic Editor
- c. Open from Project Explorer: Normal/ArcObjects/ ThisDocument
Paste all content of file “Init_SyncArcGE.bas”
- d. Import files into “Project Explorer: Normal”

Click right button mouse in “Normal(normal.mxt)” in windows Project Explorer and select “Import File...”, repeat this for each file

- i. CGoogleEarth.cls
- ii. CMapCalcGE.cls
- iii. frmSyncArcGE.frm
- iv. SyncArcGE.bas
- v. WinFunctions.bas

3. Setting interface ArcMap.

- a. Create Button for ArcMap:
 - i. Open Customize: Menu Tool/Customize
 - ii. Select Commands dialog
 - iii. Select in “Save in.” option “Normal.mxt”
 - iv. Select Categories “UIControls”
 - v. Button “New UIControls...”
 - vi. Select Checkbox UIButtonControl



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- vii. Rename “Normal.UIButtonControl1” in Commands to “Normal.SyncArcGE”.
For rename, select name button, and click this (waiting on minute)
 - viii. Move button Normal.SyncArcGE to exist toolbars.
 - ix. Setting appearance: Click right button mouse in button and choices. Example image button.
 - x. Close dialog Customize
4. Running “Synchronized Google Earth with View map of ArcMap”:
- a. Check your Google Earth can run.
 - b. Add layers (Vector or Image) in ArcMap.
 - c. Click in button “Synchronized Google Earth with View map of ArcMap”
 - d. Click one button for view the same area in the other program
5. Test in versions of ArcGIS: 8.3, 9.1, 9.2 and 9.3
6. For ArcGIS 8.3:
- a. Open CMapCalcGE.cls and replace all namespace for namespace “esriCore”.
Namespaces of 9.x: esriCarto, esriArcMapUI and esriGeometry.

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