Wikiprint Book

Title: Run Ecopath Console Example

Subject: Ecopath Developer Site - EweConsoleAppExample

Version: 9

Date: 2024-04-18 16:51:49

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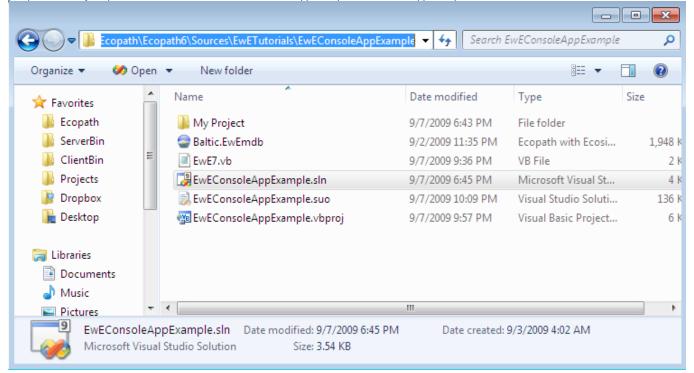
Run Ecopath Console Example

This tutorial will create create a simple console application that would load a database and run Ecopath and output the EE of the first group. This tutorial can be found in the sources directory.

This tutorial can be extended to various applications and tutorials. It is the basics of running the core without the entire user interface most know as EwE6.

i. Open Visual Studio/Basic? and open the file

 $[EcopathLocation] \verb+ Ecopath6\verb+ Sources+EwETutorials+EwEConsoleAppExample+EwEConsoleAppExample.sin the the the test of test$



Run the application by hitting F5 or Debug>Start Debugging in the menu. One should see the following written in the console:

Group 'Spring phytopla' EE estimated to 0.2006739 Press a key to exit

i. To see the code, find the solution explorer on the right and browse to the file EwE7.vb as seen below.

	View Project Build Debug Data Tools Window Help		
	! - ፼ ∅ ∦ № № № № ≌ 9 - 0 - Ø - Ø - ₽ 1		
EwE7.	vb	- >	× Solution Explorer - Solution 'Ew → ₽
🔆 EwE	🛠 EwE7 👻 🕬 Main 👻		
	Required external libraries		+ Solution 'EwEConsoleAppExample
	mports EwECore		EwEConsoleAppExample
Im	mports EwECore.DataSources		
Im	mports EwEUtils		Baltic.EwEmdb
In	mports EwEUtils.Core		EwE7.vb
			EweCore
⊟ Mo	odule EwE7	EwEPlugin	
		:	EWEUtils
	' Main Sub routine called when program is ru	un.	
딘딘	Sub Main() Dim core As New cCore()	' (1) Define core and databa	
	Dim ds As IEwEDataSource = cDataSourceF		
	Dim us As inwidatabource - chatabourcer(accory.create(enatabourcerypes.Ac)	
	ds.Open("baltic.ewemdb", core)	' (2) Open the database call	< III
		(1) open one accurace one	Solution Explorer 🛜 Data Sources
	core.InitCore()	' (3) Tells the core to do s	Properties 7
	core.LoadModel(ds)		
	core.RunEcoPath()	' (4) Runs Ecopath	EwE7.vb File Properties
		' (5) Writes to the console [.]	
	Console.WriteLine("Group '" & core.EcoPathGroupOutputs(1).Name & "'" &		Build Action Compile
		core.EcoPathGroupOutputs(1).EEOu	Change New
	core.CloseModel()	' (6) Tells the model to shu	Change List
	Console.WriteLine("Press a key to exit")) I White and ask the year to I	Copy to Output D Do not copy
	Console.WriteLine("Press a key to exit", Console.ReadKey()	, waits and ask the user to i	Custom Tool
	End Sub		Change
			-
•	III	۴.	
	Symbol Results 🐊 Error List 📑 Pending Changes		