**Tasks**

Purpose:

Illustrate how to use the System.Threading.Task class. Tasks run on Windows threadpool threads. You can pass them arguments, collect return values, and supply them with functions to run. This demo shows:

1. Simple thread creation with no input arguments and no expected return, using a lambda to define processing.
2. Running a non-static member function of a class to give the task input arguments and potentially collect results.
3. Run Tasks explicitly supplying inputs and collecting return values.

Jim Fawcett

CSE681 – Software Modeling and Analysis

Fall 2013