# Diagnostics

Use class *Debug* and *Trace* to log information about application behavior. Use these methods:

* *WriteLine*
* *WriteLineIf*
* *Indent*/*Unindent*
* *Assert*
* *Fail*

Start application in Debug and in Release mode (to see the difference).

Write custom listener that will log data into the TXT file – you have to register then in Debug.Listeners and Trace.Listeners collections.

# FileSystemWatcher + IsolatedFileStorage

1. Configure FileSystemWatcher to watch some directory in your filesystem.
2. Create new IsolatedStorageFile for current user and assembly.
3. Create new text file in this IsolatedStorageFile that will be used as a log.
4. Log information about all changes in directory monitored by FileSystemWatcher into this text file.
5. Modify the application in the way that it will print data from the log file into the console on application startup.