

Chapter 5, Saga Snippets, discusses two primary Saga examples, one using email, and one using the Secure File Transfer Protocol(SFTP). These samples will demonstrate the Saga workflow and the use of timeouts more in-depth. The Saga code will be a mediator between a front-end Windows Presentation Framework (WPF) and a backend client executing either email or SFTP. By using a Saga as a mediator between front-end and backend code that will interface into an external server, there will be many added benefits and features. The external server interface, such as an email server or SFTP server, is usually beyond our control and are in the control of external operations or organizations, such as a bank. So, the interface into these servers is all that we have to work with, and as business, software and operational needs increase, we need a framework robust enough to meet these demands, thus NSB, and Sagas.

These projects were built VS2012 with Windows Server 2008, with MSMQ, DTC, NServiceBus references, and SQL Server 2012. If running in Windows 8.1, please run as “administrator”, and there may be warnings if running the first time that some of the queues do not exist and it is creating the queues.

Source Code Overview

In this chapter, there will be three directories of source code:

- 1) There will be the directory of the solution found the [EmailSagaTimer](#) directory.

This program is a timer based program using a NSB Saga to send a daily email containing information regarding MSMQ. This solution was designed with sending a daily email to operations in mind of a system status.

The book describes using <http://smtp4dev.codeplex.com/> for testing SMTP.

- 2) There will be the directory of the solution found the [SFTPSagaTimer](#) directory.

This program is a timer based program using a NSB Saga to send a SFTP files to a SFTP server. This solution was designed with sending files to banks in mind.

The book describes using <http://www.freesshd.com/> for testing SFTP.