



## Introduction to developing solutions with Microsoft HealthVault

When:	July/August 2008, Exact date to be announced by June 1
Where:	Rockville, MD (Just outside Washington, DC)
Cost:	\$3,750/person
Maximum Enrollment:	12 students

### *General information*

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This 3-day class will provide developers with the basic knowledge and hands-on experience needed to develop solutions based on Microsoft HealthVault or to integrate HealthVault with existing solutions. It will cover all of the major programming aspects of working with Microsoft HealthVault.

This class includes extensive hands-on lab exercises to get you really working with HealthVault. Each student will have the chance to build a complete HealthVault web application that reads, writes, and synchronizes structured and file data through HealthVault.

### *Pre-requisites*

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Students should have practical experience developing ASP.NET web applications in either C# or VB.NET and should be familiar with Visual Studio. You do not need to have any HealthVault knowledge or experience for this class.

### *Instructor*

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Jason Harmon is CTO and co-founder of Get Real Consulting and is an experienced lecturer and presenter. He has been developing solutions for HealthVault since well before the official launch last year and is the lead architect for all of our health-oriented projects. He has more than fifteen years of software development experience specializing in distributed application design and implementation using ASP.NET, Active Directory, and SQL Server.

## **Lecture segments**

1. Introduction to HealthVault
2. HealthVault concepts
3. HealthVault Development pre-requisites
4. HealthVault security model and go-live requirements
5. Managing data

## **Hands-on labs**

### **Getting started**

**Hands on #1:** Exploring the HealthVault developer ecosystem

**Hands on #2:** Set up and explore the HealthVault Sample web apps

**Hands on #3:** Set up and explore sample web device driver / simulator

**Hands on #4:** Development first steps - add the ability to read a new data type to a sample web app and see how the data from a sample device driver populates it with data

### **Create a complete web app from scratch**

**Hands on #5:** Connect to HealthVault

**Hands on #6:** Read data and test

**Hands on #7:** Write data and test

**Hands on #8:** Add additional data types

**Hands on #9:** Add non-structured data (i.e. images) and metadata

**Hands on #10:** Bi-directional sync

**Hands on #11:** Offline access

## *Training Facilities*

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The course will be held in a world-class Learning Tree International Education Center. Every student will have their own PC for the labs. Internet access, telephones, breakfast, and snacks will be provided.

## *Travel and lodging*

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The course is being held just outside Washington DC in Rockville, MD. It is within a 45-minute cab ride from Reagan National, Dulles, and Baltimore-Washington International Airports. It is accessible from the Washington Metro subway system and there are 2 hotels available within 2 blocks of the facility with which we have special rates negotiated:

### **The Legacy Hotel**

1775 Rockville Pike

Rockville, MD 20852

Tel: 301-881-2300

Fax: 301-881-9047

[www.TheLegacyRockville.com](http://www.TheLegacyRockville.com)

The Legacy Hotel (formerly the Ramada) is right next to the Education Center, and nearby to several restaurants and shops.

### **Hilton Washington DC/Rockville**

1750 Rockville Pike

Rockville, MD 20852

Tel: 301-468-1100

Fax: 301-468-0163

<http://www.hilton.com>

The Hilton is located directly across the street from the Education Center and hosts Managers Receptions on Tuesdays with complimentary cocktails and hors d'oeuvres.