Microsoft Health Connection Engine 2.1

Release Notes

11/1/2006

Microsoft

# Microsoft Health Connection Engine 2.1

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| Product: | **Health Connection Engine** |
| Version: | 2.1.0.0 |
| Release Date: | 8 September 2006 |

### Components

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| HCE 2.1 Routing Services | 2.1.0.0 |
| HCE 2.1 Adapter Development Kit | 2.1.0.0 |
| HCE 2.1 Service Provider Register | 2.1.0.0 |
| HCE 2.1 Service Provider Register Administration Services | 2.1.0.0 |
| HCE 2.1 Service Provider Register – Change Notification Service | 2.1.0.0 |
| HCE 2.1 Invocation Register Test Harness | 2.1.0.0 |
| HCE 2.1 Patient Register (sample implementation) | 2.1.0.0 |

### Summary

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| Implementer: | Simpl |
| Version Built From: | HCE 2.0 |
| Resulting Version: | HCE 2.1 |

### Introduction

This document contains the release notes for HCE version 2.1. The following sections describe the release in detail and provide information to supplement the main design documentation.

### What’s New?

**Namespace Review**

HCE 2.1 undertook a major review of its namespace and naming conventions to align with Microsoft branding strategy for its Health Solutions. Some namespaces were merged together – in particular namespaces from version 1.0 that overlapped with version 2.0 namespaces.

The root namespace changed from Microsoft.HealthCollaboration or Microsoft.CollaborationEngine – respectively the root namespaces for version 1.0 and 2.0 – to Microsoft.ConnectionEngine.

**Adapters Implementation**

Until HCE 2.0, the guidelines for implementing adapters were still not solidified. HCE 2.1 delivers more strict guidelines on implementing adapters, including the requirements that the whole adapter contract (Send, Receive and Request Interactive Session messages) must be exposed as web services. This new requirement will allow adapters to benefit from the Change Notification Service developed in the later stages of version 2.0, as well as creating a foundation for future migration to .NET Framework 3.0.

**Improved Installers**

HCE 2.1 ships with improved installation packages and detailed deployment documentation, making the process to install the various components that compose HCE much easier than previous versions.

## Release Notes

### Installation

The enclosed ***Deployment Guide*** provides details on installing the components of the HCE 2.1 package.

### Manifest

This release contains:

* HCE 2.1 - Release Note
* HCE 2.1 – Deployment Guide
* HCE 2.1 – Architecture and Design Guide
* HCE 2.1 – Adapter Development Guide
* Installer Packages for:
  + HCE 2.1 Routing Services
  + HCE 2.1 Service Provider Register
  + HCE 2.1 Service Provider Register Administration Services
  + HCE 2.1 Service Provider Register – Change Notification Service
  + HCE 2.1 Adapter Development Kit
  + HCE 2.1 Invocation Register Test Harness
  + HCE 2.1 Patient Register (sample implementation)
* Product Source Code

## Minimum System Requirements

The minimum requirements to install and use this package are listed below. Please note that the underlying infrastructure must also meet the requirements of this high level environment:

**HCE 2.1 Routing Services**

* BizTalk® Server 2006

**HCE 2.1 Service Provider Register**

* .NET Framework 2.0
* IIS 5.0 or above
* SQL Server™ 2005

**HCE 2.1 Service Provider Register Administration Services**

* .NET Framework 2.0
* IIS 5.0 or above
* HCE 2.1 Adapter Software Development Kit (SDK)

**HCE 2.1 Service Provider Register – Change Notification Service**

* .NET Framework 2.0
* IIS 5.0 or above
* SQL Server 2005

**HCE 2.1 Adapter Development Kit**

* .NET Framework 2.0
* IIS 5.0 or above

**HCE 2.1 Invocation Register Test Harness**

* .NET Framework 2.0
* IIS 5.0 or above

**HCE 2.1 Patient Register**

* .NET Framework 2.0
* IIS 5.0 or above
* SQL Server 2005

### Version Compatibility

This version is NOT backward compatible with earlier versions of HCE.

## Known Problems and Workarounds

* **HCE 2.1 – Patient Register** - No smoke tests have been defined for the Patient Register as the Patient Register component is provided as a sample implementation and is not intended to be used within a HCE solution in its current form
* **HCE 2**.**1 – Service Provider Register - Change Notification Service** – No smoke tests have been defined for the Change Notification Service as the Change Notification Service component is provided as a sample implementation and is not intended to be used within a HCE solution in its current form.