Server Update

For eRAD RIS
Version 2.0
Build 42
Update 42.0.9.1

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eRAD RIS Server Update

1. Defects Resolved

Redmine #	Subject	Priority
6288	Error starting CDS service	Urgent

The files produced for this software patch have the same build and version number of 42.0.9. To differentiate between the two you can look at the date created column in windows explorer.

In the screenshots below the image on the left are files that are released with this Server Update with the date of 4/1/2014. The image on the right displays the previous release of 42.0.9 has a Date Created date of 3/25/2014.
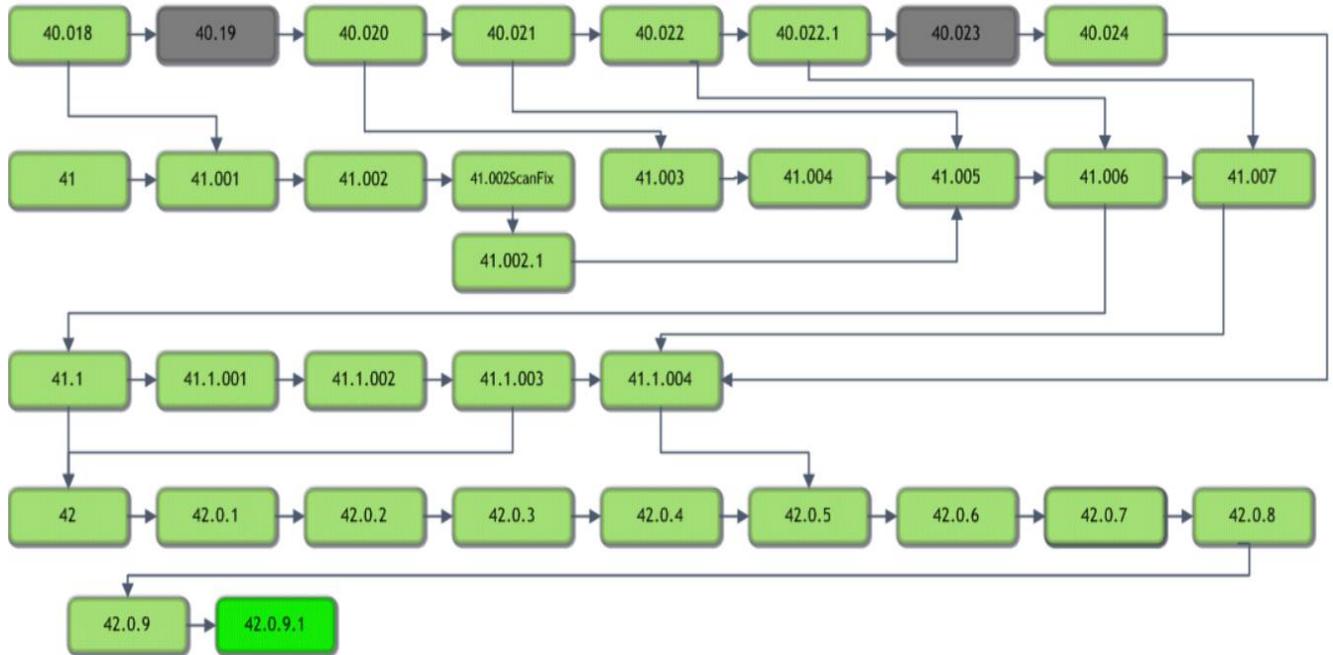
eRAD RIS Server Update

2. Code Stream

eRAD RIS – Source Code Evolution

40.018	40.19	40.020	40.021	40.022	40.022.1	40.023	40.024
41	41.001	41.002	41.002ScanFix	41.003	41.004	41.005	41.006	41.007
			41.002.1				
41.1	41.1.001	41.1.002	41.1.003	41.1.004			
42	42.0.1	42.0.2	42.0.3	42.0.4	42.0.5	42.0.6	42.0.7	42.0.8
42.0.9	42.0.9.1						

Legend:

Light Green = Released software

Gray = Will not be released

Bright Green = Current Release

3. Package Contents

Files included for this server update:

1) RIS_Service_Updates contains:
   - ABCpdf.dll
   - ABCpdf9-32.dll
   - ABCpdf9-64.dll
   - CDSJobManager.dll
   - CDSJobManager.pdb
   - CdsLib.dll
   - CdsLib.xml
   - CdsLib.XmlSerializers.dll
   - CommonLib.dll
   - CommonLib.pdb
   - contents.txt
   - DDEngine.dll
   - DDEngine.pdb
   - Interop.ANYMODALCAPTURECTRLLib.dll
   - Interop.FAXCOMEXLib.dll
   - Microsoft.Practices.EnterpriseLibrary.Caching.dll
   - Microsoft.Practices.EnterpriseLibrary.Caching.pdb
   - Microsoft.Practices.EnterpriseLibrary.Common.dll
   - Microsoft.Practices.EnterpriseLibrary.Common.pdb
   - Microsoft.Practices.EnterpriseLibrary.Logging.dll
   - Microsoft.Practices.EnterpriseLibrary.Logging.pdb
   - Microsoft.Practices.ServiceLocation.dll
   - Microsoft.Practices.ServiceLocation.pdb
   - Microsoft.Practices.Unity.dll
   - Microsoft.Practices.Unity.Interception.dll
   - Microsoft.Practices.Unity.Interception.pdb
   - Microsoft.Practices.Unity.pdb
   - Microsoft.ReportViewer.Common.dll
   - Microsoft.ReportViewer.WinForms.dll
   - Microsoft.ReportViewer.WinForms.xml
   - Newtonsoft.Json.dll
   - Newtonsoft.Json.xml
   - Ninject.dll
   - Ninject.Web.Common.dll
   - Ninject.Web.Common.xml
   - Ninject.xml
   - O2S.Components.PDFRender4NET.dll
   - PDFToImages.exe
   - rRISServices.exe
   - rRISServices.pdb
   - rRISServicesx64.exe
   - ScheduledTaskManager.dll
   - ScheduledTaskManager.pdb
   - ServicesConfigWizard.exe
   - ServicesConfigWizard.pdb
   - SignatureApprovalService.exe
   - SignatureApprovalService.pdb
   - System.Net.Http.dll
   - System.Net.Http.Formatting.dll
   - System.Net.Http.Formatting.xml
   - System.Net.Http.WebRequest.dll
   - System.Net.Http.WebRequest.xml
   - System.Net.Http.xml
   - System.Web.dll
   - System.Web.Helpers.dll
   - System.Web.Helpers.xml
   - System.Web.Http.dll
   - System.Web.Http.SelfHost.dll
   - System.Web.Http.SelfHost.xml
   - System.Web.Http.WebHost.dll
   - System.Web.Http.WebHost.xml
   - System.Web.Http.xml
   - System.Web.Mvc.dll
   - System.Web.Mvc.xml
   - System.Web.Optimization.dll
   - System.Web.Providers.dll
   - System.Web.Razor.dll
   - System.Web.Razor.xml
   - System.Web.WebPages.Deployment.dll
   - System.Web.WebPages.Deployment.xml
   - System.Web.WebPages.dll
   - System.Web.WebPages.Razor.dll
   - System.Web.WebPages.Razor.xml
   - System.Web.WebPages.xml
   - Tourreau.Gilles.FaxDotNet.dll
   - Tourreau.Gilles.FaxDotNet.pdb
   - Tourreau.Gilles.FaxDotNet.xml
   - WCFService.dll
   - WCFService.pdb
   - WCFServiceTests.dll
   - WCFServiceTests.pdb
   - WebApi.dll
   - WebApi.pdb
   - Wedge.exe
   - Wedge.pdb

The rRIS_Service_Updates also contains to subfolders:
   A. Deploy folder contains
      a. Applicationsettings
      b. ReleaseVersion-connectionstrings
      c. rRISServices.exe
      d. services

B. XSL subfolder contains:
   <u>Subfolder titled "Stylesheets" which contains:</u>
   a. CDAToHTMLCompleteReport.xslt
   b. CDAToHTMLImpressionSection.xslt
   c. CDATorRIS.xslt
   d. CDAToTxt.xslt
   e. DocumentModelReport.xslt
   f. DocumentModelReportAsXml.xslt

   g. <u>CCDA Subfolder contains</u>
      a. sectionImmunizations.xsl
      b. sectionInstructions.xsl
      c. C-CDA.xsl
      d. sectionMedications.xsl
      e. sectionPlanOfCare.xsl
      f. eRadStylesheet.xsl
      g. sectionProblemList.xsl
      h. generalTemplates.xsl
      i. sectionProcedures.xsl
      j. header.xsl
      k. sectionReasonForVisit.xsl
      l. sectionAdministeredMedications.xsl
      m. sectionResults.xsl
      n. sectionAllergies.xsl
      o. sectionSocialHistory.xsl
      p. sectionEncounters.xsl
      q. sectionVitalSigns.xsl
      r. sectionFuncCogStatus.xsl

4. Intended Audience

This document is created by the RIS Development team for the RadNet/eRAD RIS Implementation teams.

5. Who is affected

Build 42 installs. Server updates are not cumulative. This server update must be applied to 42.0.9

6. eRAD RIS Release Version Numbers

Build	Patch	UI Version	Core Version	WS Version	DB Version	Notes
40	17	1.3.40.18780 (3GB)	1.3.40.18756	1.3.40.18756	1.3.40.18646	Core install required for Radiologist User Group. GUI.zip, Core setup, and Web Service updates
40	18	1.3.40.19253(3GB)	1.3.40.18756	1.3.40.18756	1.3.40.19253	GUI.zip, Web Service and database updates
40	19	1.3.40.19909(3GB)	1.3.40.18756	1.3.40.19878	1.3.40.19253	GUI.zip, Web Service
40	20	1.3.40.20086(3GB)	1.3.40.18756	1.3.40.19878	1.3.40.19253	Gui.zip and Recognizer
40	21	1.3.40.20703(3GB)	1.3.40.18756	1.3.40.19878	1.3.40.19253	Gui.zip
40	22	1.3.40.20898(3GB)	1.3.40.18756	1.3.40.19878	1.3.40.19253	Gui.zip
41	-	1.3.41.19135(3GB)	1.3.41.19135	1.3.41.19135	1.3.41.19135	Full version release
41	1	1.3.41.19256(3GB)	1.3.41.19135	1.3.41.19256	1.3.41.19256	GUI.zip, Web Service and database updates
41	2	1.3.41.19620(3GB)	1.3.41.19135	1.3.41.19620	1.3.41.19346	GUI.zip and Web Service
41	2sf	1.3.41.19620SF(3G)	1.3.41.19135	1.3.41.19620	1.3.41.19346	GUI.zip
41	2.1	1.3.41.20622(3GB)	1.3.41.19135	1.3.41.20617	1.3.41.19346	GUI.zip and Web Service
41	3	1.3.41.20125(3GB)	1.3.41.19135	1.3.41.20171	1.3.41.19346	GUI.zip , Web Service and Recognizer
41	4	1.3.41.20285(3GB)	1.3.41.19135	1.3.41.20171	1.3.41.19346	GUI.zip
41	5	1.3.41.20809(3GB)	1.3.41.20708	1.3.41.20792	1.3.41.20738	GUI.zip, Core install, Web Service and database updates
41	6	1.3.41.20912(3GB)	1.3.41.20708	1.3.41.20792	1.3.41.20738	GUI.zip
41.1	-	1.3.41.20918(3GB)	1.3.41.20791	1.3.41.20918	1.3.41.20739	GUI.zip, Core install, Web Service and DB updates, Help files
41.1	1	1.3.41.20987(3GB)	1.3.41.20791	1.3.41.20918	1.3.41.20739	GUI.zip
41.1	2	1.3.41.21162(3GB)	1.3.41.20791	1.3.41.21162	1.3.41.21150	GUI.zip, Web Service and DB updates,
41.1	3	1.3.41.21264(3GB)	1.3.41.20791	1.3.41.21162	1.3.41.21150	GUI.zip
42	-	2.42.0.0.21261(3GB)	2.42.0.0.21261	2.42.0.0.21261	2.42.0.0.21187	Full version release
42	1	2.42.0.1.21597	2.42.0.0.21261	2.42.0.1.21597	2.42.0.0.21187	GUI and Web Service updates
42	2	2.42.0.2.21702	2.42.0.0.21261	2.42.0.2.21702	2.42.0.0.21187	GUI and Web Service updates
42	3	2.42.0.2.21806	2.42.0.0.21261	2.42.0.2.21806	2.42.0.0.21187	GUI and Web Service updates
42	4	2.42.0.2.21862	2.42.0.0.21261	2.42.0.2.21806	2.42.0.4.21870	GUI and Database updates
42	5	2.42.0.5.21924	2.42.0.0.21261	2.42.0.2.21806	2.42.0.4.21870	GUI
42	6	2.42.0.5.22009	2.42.0.0.21261	2.42.0.5.22009	2.42.0.4.21870	GUI and Web Service updates
42	7	2.42.0.7.22090	2.42.0.0.21261	2.42.0.6.22009	2.42.0.4.21870	GUI.zip updates
42	8	2.42.0.7.22090	2.42.0.7.22150	2.42.0.6.22009	2.42.0.4.21870	Web Service updates
42	9	2.42.0.9.22203	2.42.0.0.21261	2.42.0.9.22203	2.42.0.4.21870	GUI and Web Service updates
42	**9.1**	**2.42.0.9.22203**	**2.42.0.0.21261**	**2.42.0.9.22203**	**2.42.0.4.21870**	**Web Service updates**

7. Installing

1) Stop each service listed below. Copy the files from the RIS Service Updates folder to the directory for each rRISService. Be sure to make backup of all files, but especially the rRISServices.exe.config and rRISServices.vshost.exe.config files.
   rRISService directories include:
   a) *rRISService*
   b) *CDS rRISService*
   c) *Wedge rRISService*
   d) *DDE rRISService*

   Restart each service.

   <mark>**NOTE:**</mark> **If your upgrade is coming from 40.016.1 or prior a core install will be required. Versions (builds) of 40.017 and greater do not require a core install as long as you are at least at 40.017 (Core Version 1.3.40.18756)**