

Server Update

For eRAD RIS
Version 2.0
Build 42
Update 42.0.6

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1. Defects Resolved

| Redmine # | Subject | Priority |
|-----------|--|----------|
| 6215 | Ability to include Procedure Code General Description in the wedge and include in HL7 mappings | High |
| 6217 | Cannot manually create new Document Distribution jobs for Outside Read studies in B42. | Normal |
| 6048 | RadNet - Race - tab to Race put focus on dropdown instead of textbox | Low |

Quick note on 6048: this bug is partially resolved. The issue was a user couldn't tab out of the race field once on it. Now a user can tab out of this field, but must select tab twice. This will be fixed in later release.

Change to Configuration

A configuration change to the ris.exe.config file was introduced in build 2.42 this setting was designed to lessen the delays when retrieving lookup tables that are larger in size. This config setting, as mentioned, is located in the ris.exe.config file located in the <appSettings> section of the file

This setting is:

```
<add key="RowLevelCacheDataSetNamesCSV" value="ProcedureCode,TemplateMacro,Indication"/>
```

Where the value can be any lookup table, and a value="*", will retrieve all lookups.

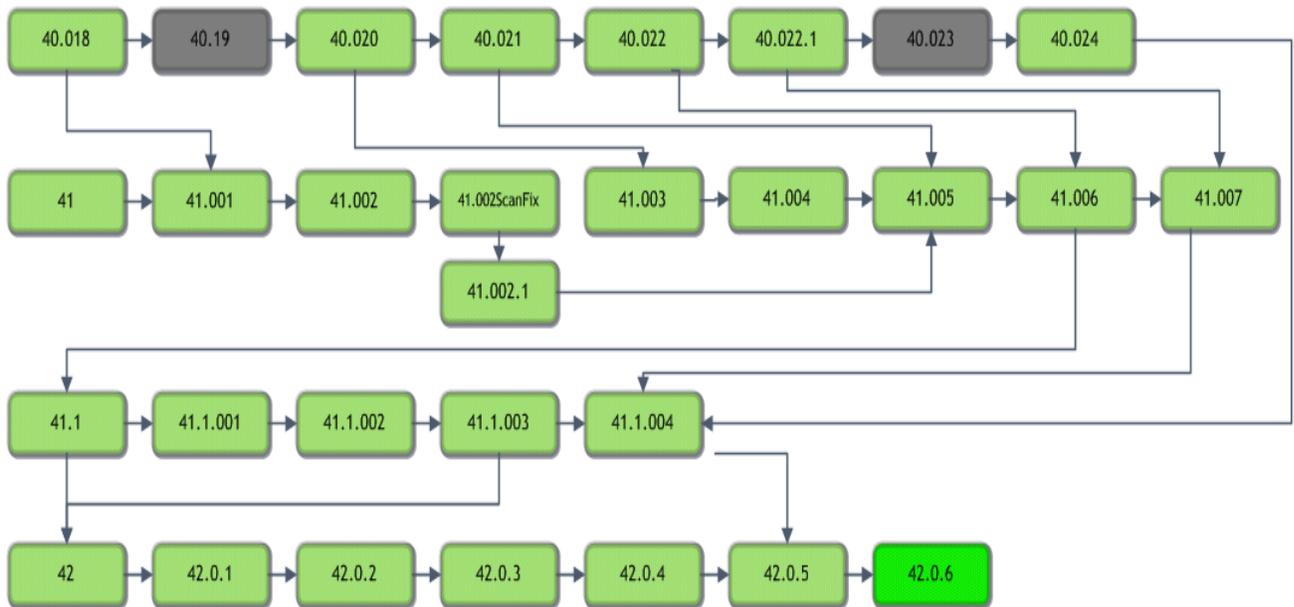
The setting has resulted in undesired results of possible slowness, depending on the lookup table, and possibly additional bugs. Because of this, we are requesting that all sites comment out this line in the ris.exe.config table. The commented line will look like

```
<!--<add key="RowLevelCacheDataSetNamesCSV" value="ProcedureCode,TemplateMacro,Indication"/> -->
```

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2. Code Stream

eRAD RIS - Source Code Evolution



Legend:

Light Green = Released software

Gray = Will not be released

Bright Green = Current Release

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3. Package Contents

Files included for this server update:

1) GUI ZIP Updates folder contains:

- rRIS_1.3.42.0.6.22009.zip

2) 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
- Toureau.Gilles.FaxDotNet.dll
- Toureau.Gilles.FaxDotNet.pdb
- Toureau.Gilles.FaxDotNet.xml
- WCFSservice.dll
- WCFSservice.pdb
- WCFSserviceTests.dll
- WCFSserviceTests.pdb
- WebApi.dll
- WebApi.pdb
- Wedge.exe
- Wedge.pdb

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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:
Subfolder titled “Stylesheets” which contains:
 - a. CDAToHTMLCompleteReport.xslt
 - b. CDAToHTMLImpressionSection.xslt
 - c. CDAToRIS.xslt
 - d. CDAToTxt.xslt
 - e. DocumentModelReport.xslt
 - f. DocumentModelReportAsXml.xslt

 - g. CCDA Subfolder contains
 - 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

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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 42.0.4

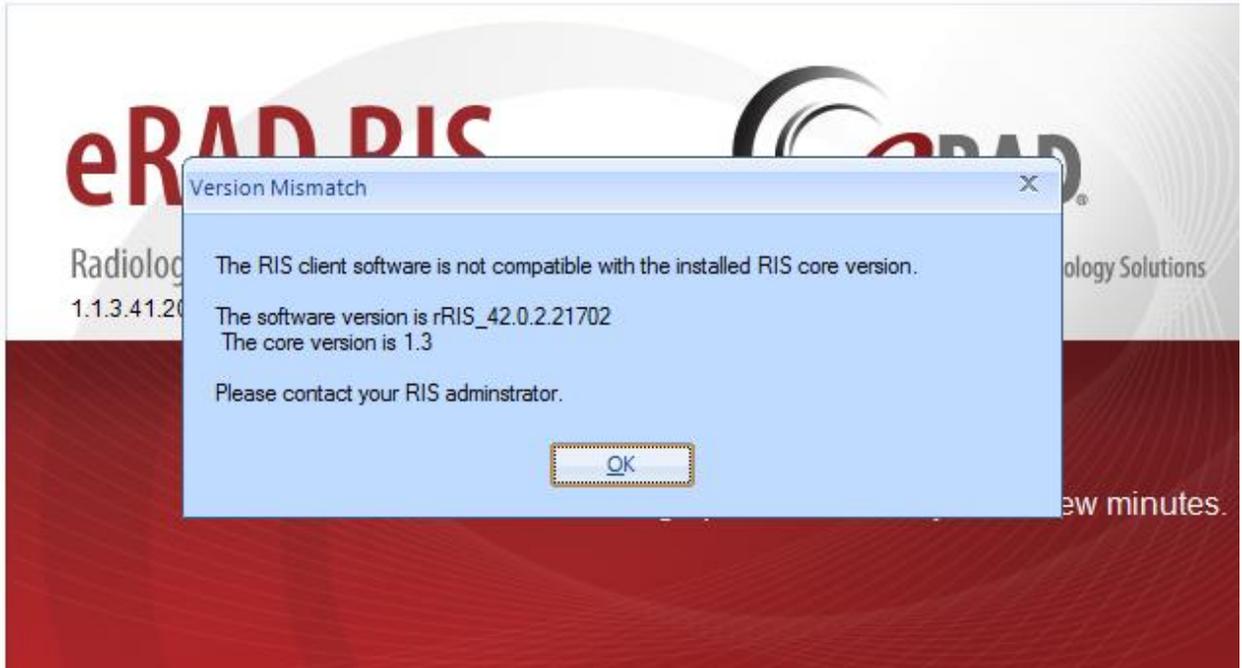
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6. eRAD RIS Release Version Numbers

| 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 |

7. Installing

- 1) Copy and replace the current rRIS...zip file with the rRIS_1.3.42.0.5.22209.zip file provided with this release.
Be sure to make a backup of the ris.exe.config file contained within the current .zip folder.



If you receive the Version Mismatch error above the GUI.zip will need to be renamed to add 1.3. to it. The GUI.zip file name change is from rRIS_42.0. 5.22009 → rRIS_1.3.42.0. 5.22009. NOTE: the GUI.zip included with this release has already been renamed to include 1.3.

This is required for installs that have not reached build 42. Because the software installed on your local workstation is a pre-42 build it detects a version mismatch in the software naming and won't allow the newest build to be launched (it is looking for 1.3. in the name). Once the workstation(s) have reached a build of 42 we will no longer need to add "1.3." to the GUI.zip name. Also note that a core install will not resolve this issue below.

NOTE: 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)

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- 2) 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.