

Profiles Research Networking Software Release Notes

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Software Version: ProfilesRNS_3.0.0

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Profiles RNS Beta

This was the original open source version of Profiles RNS. It used a traditional relational database model, rather than RDF. Minor updates were release approximately once a month. The last release of Profiles RNS Beta was July 22, 2011.

Known Issues

1. Certain browser security configurations (we haven't determined the exact settings) disable the JavaScript used by the drop down menus on the main search page to select More Options.
2. Selecting "Display Columns:" in the search results by clicking on the column name and not the checkbox fails to trigger a repost of the page.
3. Long item names in Passive Networks (right sidebar) are truncated.
4. The height of the More Options drop down menu on the search page does not dynamically adjust based on the number of items displayed.
5. When two browser windows or tabs are opened at the same time to Profiles, it can create inconsistencies with internal session variables. This can be reproduced by running a search in window #1, then running a different search in window #2, then clicking the "Why?" link in the search results of window #1.
6. When editing a profile in Mac FireFox or Mac Chrome, users cannot add new awards.
7. Network View sometimes fails to load in Mac Opera.
8. Uploading of profile photos on ProfileEdit.aspx causes a javascript/AJAX permission denied error if the client browser is IE 6.0 and the web server is IIS 6.0
9. Rarely, certain PubMed articles cause the disambiguation process to hang or fail.

Profiles RNS 1.0.0

Release Date: June 1, 2012

Five release candidates were made available leading up to the final version of the software.

What's New

1. The software was completely rewritten as a Semantic Web application using the VIVO ontology.
2. The database was reorganized using schemas to group related objects.
3. The website was divided into a Framework, extended by Applications and Modules, and RESTful URLs were added.

Known Issues

1. There are no default front-end editing tools to add/modify content for arbitrary classes and properties. The only editing modules are custom ones for person profiles. Data for any class/property can still be loaded through back-end processes.

Profiles RNS 1.0.1

Release Date: July 3, 2012

What's New

1. The names of many web code files and database components were changed to make them more consistent throughout the software.
2. The documentation, particularly the Architecture Guide, was significantly expanded. ReadMeFirst and ReleaseNotes documents were created.
3. Database performance enhancements were made, which result in RDF data being returned faster, especially for profiles containing large numbers of triples.
4. Default editing modules for DataType and ObjectType properties were added.
5. A custom editing module was created for email address.
6. The Search API and SPARQL API were converted to SVC files and XSD files were created for each API.

Profiles RNS 1.0.2

Release Date: August 21, 2012

Bug Fixes

1. Navigation from the Radial Network flash browser does not work for alt+click or shift+click.
2. ProfilesSearchAPI project does not recognize ClassURI or ClassGroupURI tags in search options XML.
3. ProfilesSPARQLAPI query times out before it completes.
4. XPath for a profile image is incorrect and displays the wrong profile image if the person has no photo.
5. Publication numbers not showing properly in Chrome.
6. Several CSS issues with IE.
7. Minor bugs when editing profiles.
8. Too many open database connections during editing.
9. Updating search cache slow. [Added database indexes.]

What's New

1. New visualizations on a Person profile:
 - a. Timeline of total publications by year (on main profile).
 - b. Timeline view (on concept network page).
 - c. Timeline view (on co-author network page).
 - d. Cluster view (on co-author network page).
2. New items on a Concept profile:
 - a. Publications and publication timeline.
 - b. Similar concepts.
3. New Connection pages:
 - a. Person to concept.
 - b. Person to co-author.
 - c. Person to similar person.

Profiles RNS 1.0.3

Release Date: March 11, 2013

Bug Fixes

1. Overview text (line breaks, multiple overviews)
2. Network details (incorrect properties being queried)
3. Faculty rank not working as a search filter and sorting option
4. Modify search criteria not filling in all fields
5. Sorting and column selection in search results not working
6. Various back links throughout the website broken
7. Direct2Experts queries showing incorrect counts
8. Adding too many publications causes timeouts
9. PubMed disambiguation process failing
10. Default search weights are too different than beta
11. CSS issues in certain browsers
12. The stored procedure used to build the institution dropdown in proxy search is incorrect
13. Pagination in proxy search is broken
14. CSS issues in the search results in proxy search
15. Exact Search Phrase not working for People search
16. The disambiguation process fails when a null value is returned
17. There is a delay between the time an award is entered to when it appears on a profile
18. The mouse over is not working in search results when only the Institution column is shown
19. Overview shows truncated text in edit mode
20. Article and publication fields are reversed in the custom publication editing form
21. Bug in the Error handling and logging of RunJobGroup

What's New

1. Source code posted to GitHub.
2. Enhanced Concept profile page:
 - a. MeSH details (e.g., tree numbers and related terms).
 - b. Top journals.
3. Enhanced Publication profile:
 - a. Lists the subject areas (e.g., MeSH terms) of the publication.
4. Profiles RNS can now be run under SSL/HTTPS.

5. The default disambiguation web service URLs have been changed to point to the new production URLs.
6. Performance enhancements:
 - a. Several stored procedures related to nightly jobs have been modified.
 - b. The .NET code now makes better use of caching to reduce the number of RDF requests
 - c. Rather than all RDF always being returned for a profile, individual properties can now be included or excluded as needed.
 - d. Some display modules, such as the Concept Cloud, have been rewritten to make direct database calls rather than using the full RDF.
 - e. The database is set to snapshot isolation by default to avoid locks when the nightly jobs are run.

Database Changes

1. [Framework.].[CreateInstallData] - modifications to reflect base table column changes
2. [Framework.].[LICENCE] - updated dates
3. [Framework.].[LoadInstallData] - modifications to reflect base table column changes
4. [Framework.].[RunJobGroup] - added error code to log step
5. [Framework.].[vwBufferDatabases] - new view
6. [History.Framework.].[ResolveURL] - new procedure
7. [Ontology.ClassGroup] - IsVisible bit column added
8. [Ontology.].[CleanUp] - added changed table names to cleanup (ontology.owl to ontology.import.owl, ontology.presentation to ontology.presentation.general)
9. [Profile.Cache.].[Concept.Mesh.TreeTop] - new table
10. [Profile.Cache.].[Concept.Mesh.UpdateJournal] - complete rewrite for performance
11. [Profile.Cache.].[Concept.Mesh.UpdateTreeTop] - new procedure
12. [Profile.Data.].[Concept.Mesh.Descriptor] - added clustered index for performance
13. [Profile.Data.].[Concept.Mesh.GetDescriptorXML] - new procedure
14. [Profile.Data.].[Concept.Mesh.GetJournals] - added order by weight desc to top 10 select
15. [Profile.Data.].[Concept.Mesh.ParseMeshXML] - added Concept.Mesh.TreeTop inserts
16. [Profile.Data.].[Person.AddPhoto] - added PersonNodeID retrieval from vwperson.photo.
17. [Profile.Data.].[Person.DeletePhoto] - added personNodeID retrieval from vwperson.photo.
18. [Profile.Data.].[Person.GetFacultyRanks] - included InternalNodeMap to get NodeIDs for RDF purposes.
19. [Profile.Data.].[Person.Photo] - added clustered index for performance
20. [Profile.Data.].[Publication.DeleteOnePublication] - added delete from Publication.PubMed.Disambiguation where PMID is not null, this eliminates disambiguation from picking up the pub again in the future

21. [Profile.Data].[Publication.Entity.InformationResource] - increased URL varchar column size from 1000 to 2000 for larger URLs
22. [Profile.Data].[Publication.Person.Add] - dropped foreign key constraint on mpid to mypubsgeneral
23. [Profile.Data].[Publication.Person.Exclude] - dropped foreign key constraint on mpid to mypubsgeneral
24. [Profile.Data].[Publication.PubMed.GetAllPMIDs] - added check for null PMIDs, avoid xml requests for null PMIDs which breaks nightly job
25. [Profile.Data].[Publication.Pubmed.AddDisambiguationLog] - fixed audit bugs
26. [Profile.Data].[Publication.Pubmed.AddPMIDs] - added delete of disambiguation table to flush results from previous disambiguation
27. [Profile.Data].[Publication.Pubmed.AddPublication] - add PMID record to disambiguation table for future reference
28. [Profile.Data].[Publication.Pubmed.LoadDisambiguationResults] - add publications from Publication.Person.Add
29. [Profile.Data].[vwPerson.Photo] - added UserNodeID column, renamed original NodeID column to PersonNodeID for clarity
30. [Profile.Data].[vwPublication.Entity.Concept.MajorTopicList] - new view
31. [Profile.Data].[vwPublication.Entity.Concept.MinorTopicList] - new view
32. [Profile.Data].[vwPublication.Entity.Concept] - new view
33. [Profile.Data].[vwPublication.Entity.General] - new view
34. [Profile.Import].[Beta.LoadData] - added isnull to the visible column in the Person Table, to handle defaults for nulls; modified faculty rank beta load statement, included distinct, dropped surrogate key to avoid duplicates
35. [Profile.Import].[Beta.SetDisplayPreferences] - modifications to the ViewSecurityGroup logic
36. [Profile.Import].[LoadProfilesData] - updates to improve recognition of changed user/person entities in hr system.
37. [Profile.Module].[NetworkAuthorshipTimeline.Concept.GetData] - changed Google API URL
38. [Profile.Module].[NetworkAuthorshipTimeline.Person.GetData] - general algorithm changes
39. [Profile.Module].[NetworkCategory.Person.HasResearchArea.GetXML] - new procedure
40. [Profile.Module].[NetworkCloud.Person.HasResearchArea.GetXML] - new procedure
41. [Profile.Module].[NetworkTimeline.Person.HasResearchArea.GetData] - general algorithm changes
42. [Profile.Module].[Support.GetHTML] - removed hard-coded value
43. [RDF.].[SetNodePropertySecurity] - add security changes
44. [RDF.].[vwBigDataTriple] - new view (for future use)
45. [Search.Cache].[History.UpdateTopSearchPhrase] - added NumberOfQueries to replace hard-coded 0 value in top 10 phrases per period queries

46. [Search.Cache].[Private.GetNodes] - added search filter changes, like matchtype, other algorithm changes
47. [Search.Cache].[Private.GetNodes] - added search filter changes, like matchtype, other algorithm changes
48. [Search.Cache].[Private.UpdateCache] - performance enhancements
49. [Search.Cache].[Private.UpdateCache] - performance enhancements
50. [Search.Cache].[Public.GetNodes] - added search filter changes, like matchtype, other algorithm changes

Profiles RNS 1.0.4

Release Date: June 7, 2013

Issue tracking is performed on GitHub. Issues resolved in Profiles RNS 1.0.4 can be viewed at <https://github.com/ProfilesRNS/ProfilesRNS/issues?milestone=1&page=1&state=closed>.

Bug Fixes

1. Fixed typos in code comments
2. Default map zoom level hard coded
3. Search by division missing
4. Geocode package uses deprecated API
5. RDF crawlers requesting data for large networks results in very poor website performance. [Added a default limit on the number of connections returned in a network request.]
6. Web crawlers calling the search API without a limit constraint results in very poor website performance. [Added a default limit on the number of search matches returned.]
7. Exact Phrase search doesn't work correctly bug
8. Display field filter doesn't allow all columns other than name to be removed.
9. Keywords on publication page unordered
10. Export RDF link visible on manage proxies page
11. Label is reversed for title of article and title of publication on edit screen
12. Various issues with Direct2Experts
13. Error caching database queries used to display profiles
14. Default settings do not allow users to hide email and address fields on their profile.
15. Various issues with API backwards compatibility.
16. Website errors encountered when running under https with SSL offloaded to proxy server.

What's New

There are no new features in Profiles RNS 1.0.4. The following enhancements to existing functionality have been made:

1. Improve website efficiency by caching compiled XSLT transforms
2. Improve search performance by refactoring queries enhancement
3. Lengthen AliasID database field to support longer alias URIs

Database Changes

1. [RDF].[Alias] – Column length increased to allow longer aliases.
2. [Search.Cache].[Public.GetNodes] – Queries refactored to improve performance, number of results limited.

3. [Search.Cache].[Public.GetConnection] – Queries refactored to improve performance, number of results limited.
4. [Search.Cache].[Private.GetNodes] – Queries refactored to improve performance
5. [Search.Cache].[Private.GetConnection] – Queries refactored to improve performance
6. [RDF].[GetDataRDF] – Queries refactored to improve performance

Profiles RNS 2.0.0

Release Date: August 9, 2013

Issue tracking is performed on GitHub. The issues resolved in Profiles RNS 2.0.0 can be viewed at <https://github.com/ProfilesRNS/ProfilesRNS/issues?milestone=2&page=1&state=closed>.

Bug Fixes

1. & symbol incorrectly displayed on concept categories page
2. xml for publications being pulled from disambiguation server multiple times
3. Exceptions caused by exact search paramater not being passed correctly
4. Profile.Import.Beta.loadData uses personID not internalusername

What's New

1. OpenSocial Support
2. Search Engine Optimizations
3. Upgraded project and solution files to Visual Studio 2010

Database Changes

1. Schema file split from single file to one file per object in GitHub to better take advantage of source control. This does not affect the release distribution.
2. [ORNG.] – Schema and added
3. [Profile.Import].[Beta.LoadData] – Minor bug fix
4. [Profile.Data].[Publication.PubMed.GetAllPMIDs] – Big fix to avoid publication XML being downloaded multiple times

Profiles RNS 2.1.0

Release Date: July 25, 2014

Bug Fixes

1. New xslt for display of Awards and Honors
2. Fix for why? Links not displaying on Chrome.
3. Fix to “See All” link on concept pages
4. Minor database fixes, see below for details.

What’s New

1. Open Social data stored in RDF
2. Efficiency improvements for sessions involving Bots
3. Deleting RDF for expired sessions

Database Changes

1. [RDF].[GetStoreNode] – Fixing a typo and but that caused invalid records in [RDF.Stage].[InternalNodeMap]
2. [RDF].[GetDataRDF] – Improved handling of security groups.
3. [Profile.Data].[Publication.Pubmed.Author] – Altering affiliation column width to fix problems with 2014 disambiguation.
4. [Direct].[LogOutgoing] – Added Index
5. [Framework].[ChangeBaseURI] – Fix to typo in comments
6. [Profile.Data].[Publication.Pubmed.AddPublication] – Change in logic to handle seeded publications without valid XML
7. [Profile.Data].[Publication.Pubmed.LoadDisambiguationResults] – Change in logic to handle seeded publications without valid XML
8. [User.Session].[UpdateSession] – Performance improvement when handling session for bots.
9. [User.Session].[CreateSession] – Performance improvement when handling session for bots.
10. [User.Session].[DeleteOldSessionRDF] – A new database procedure to run as needed to delete RDF data for expired sessions

11. [Utility.Application].[fnEncryptRC4] – Fixed incorrect value in ascii handling.
12. [ORNG.]* - Significant changes to ORNG schema objects.

Profiles 2.5.0

Release Date August 5, 2014

Bug Fixes

There are no bug fixes in version 2.5.0

What's New

ORCID Integration

Database Changes

1. [ORCID.] – New Schema created.
2. [Framework].[CreateInstallData] – Stored Procedure changed to create install data for ORCID module.
3. [Framework].[LoadInstallData] – Stored Procedure changed to load install data for ORCID module

Profiles RNS 2.5.1

Release Date: September 17, 2014

Bug Fixes

1. There are no bug fixes in version 2.5.1

What's New

1. Eagle-i module to display eagle-i resources on a profile page.
2. Database efficiency improvements (see Database Changes for details)
3. Search results modified to enable right click in the browser, and to enable keyboard navigation.
4. All new features from versions 2.1.0 and 2.5.0 are included in 2.5.1.

Database Changes

1. [ORNG].AddAppToPerson – More efficient creation of triples.
2. [ORNG].RemoveAppFromPerson – More efficient deleting of triples.
3. [ORNG].Apps – Adding a default to Requires Registration column, needed to allow upgrade scripts to run
4. [RDF].vwLiteral – New view used for more efficient fulltext searching.
5. [RDF.SemWeb].vwHash2Base64 – Cache hash values for SemWeb, updated during nightly job.
6. [RDF.SemWeb].UpdateHash2Base64 – Cache hash values for SemWeb, updated during nightly job.
7. [RDF.SemWeb].Hash2Base64 – Cache hash values for SemWeb, updated during nightly job.
8. [Search].LookupNodes – Edited to use [RDF].vwLiteral
9. [Search].ParseSearchString – Improved efficiency for search
10. [Search.Cache].[History.UpdateTopSearchPhrase] – Improved efficiency for search
11. [Search.Cache].[Private.GetConnection] – Edited to use [RDF].vwLiteral
12. [Search.Cache].[Private.GetNodes] – Edited to use [RDF].vwLiteral
13. [Search.Cache].[Private.NodeMap] – Edited to use [RDF].vwLiteral

14. [Search.Cache].[Public.GetConnection] – Edited to use [RDF.].vwLiteral
15. [Search.Cache].[Public.GetNodes] – Edited to use [RDF.].vwLiteral
16. [Search.Cache].[Public.NodeMap] – Edited to use [RDF.].vwLiteral
17. [User.Session].[DeleteOldSessionRDF] – Clear out RDF for old sessions to avoid site slowing down over time
18. [Profile.Data].[EagleI.HTML] – New eagle-i functionality
19. [Profile.Data].[EagleI.ImportXML] – New eagle-i functionality
20. [Profile.Data].[EagleI.UpdateEagleITables] – New eagle-i functionality

Profiles RNS 2.6.0

Release Date: March 23, 2015

Bug Fixes

1. Links for custom publications now displaying.
2. Exception when user searches everything for "". Alert now shows warning the user that the search is too broad.
3. Faculty type dropdown now populating correctly.
4. Change to XML parsing to reflect changes in 2015 PubMed xml.
5. Fixed error on custom publication page.
6. Fixed unresponsive script error when uploading profile image on Firefox .

What's New

1. A number of small changes to install data and related stored procedures. These will simplify source control and release activities.
2. BasicOrcidModule to record and display ORCID identifiers for institutions who are not members of ORCID, and thus unable to use the ORCID integration.
3. 508 Compliance. Enhancements to accessibility of site.
4. Displaying PMID and PMCID values, and links to Pubmed Central in publication lists.
5. URI and ORCID included in disambiguation XML.
6. Download contact information in vCard format.
7. Updated version of shindigorng.war.

Database Changes

1. [Framework.].CreateInstallData – Edited to avoid putting automatically generated values into install data.
2. [Framework.].LoadInstallData – Edited to handle automatically generated values being removed from the install data.
3. [Ontology.].CleanUp – Added [Framework.].Job to UpdateIDs action.
4. [ORNG.].AppRegistry – Table deleted.

5. [ORNG.].IsRegistered – Table deleted.
6. [ORNG.].RemoveAppFromPerson – Change to allow two delete types for automated apps and manual apps.
7. [Profile.Data].[Publication.Entity.UpdateEntity] – Added PMID column.
8. [Profile.Data].[Publication.Entity.UpdateEntityOnePerson] – Added PMID column.
9. [Profile.Data].[Publication.PubMed.GetPersonInfoForDisambiguation] – Added URI and ORCID to data sent to disambiguation.
10. [Profile.Data].[Publication.PubMed.ParsePubMedXML] – Changes to parse PMID from PubMed XML and handle 2015 affiliation format correctly.
11. [Profile.Module].[CustomViewAuthorInAuthorship.GetList] – Added PMID and webpage.
12. [Profile.Module].[Network.Authorship.Timeline.Concept.GetData] – Added alternate text data.
13. [Profile.Module].[Network.Authorship.Timeline.Person.GetData] – Added alternate text data.
14. [RDF.].[DeleteNode] – Fixed bug comparing nodeID to node value.
15. [User.Session].[CreateSession] – Changes to allow improved cache.
16. [User.Session].[UpdateSession] – Changes to allow improved cache.

Deprecated

1. Support for SQL Server 2005

Profiles RNS 2.7.0

Release Date: August 10, 2015

Bug Fixes

1. Faculty type dropdown missing last value.
2. Caption on concept page timeline references Harvard Catalyst Profiles.
4. PMCIDs sometimes missing when both a PMID and a NIHMSID are provided.
5. Remove duplicate indexes.
6. Unclosed div, and unnecessary table in EditPropertyList.ascx
7. Remove references to Boston University from About page ORCID tab.
8. Bug in User.Session.Create session that returns incorrect sessionID values and overwrites data in other nodes.
9. Bad counts on direct Incoming preview and incoming details page.
10. Misformed closing tag in direct.xml.
11. Name missing in text describing radial graph.
12. Use consistent case for table column headings on details pages.

What's New

1. Update Profiles to use ORCID API Version 1.2
2. Improved layout of accessible tables for radial and cluster visualizations.
3. Add web.config option to hide Other Options drop down from search page.
4. Add Active Directory and Shibboleth authentication support.
5. Activity Log captured in new database tables.
6. SQL Server 2014 Support.
7. 2015 MESH
8. PubMed and PubMed Central links moved to a single line.

Database Changes

1. [Profile.Data].[Person.Affiliation] – Removed duplicate indexes.

2. [Profile.Data].[Publication.Entity.Authorship] – Removed duplicate indexes.
3. [Profile.Data].[Publication.Entity.InformationResource] – Removed duplicate indexes.
4. [Profile.Import].[PersonAffiliation] – Removed duplicate indexes.
5. [RDF.].[Triple] – Removed duplicate indexes.
6. [RDF.Stage].[InternalNodeMap] – Removed duplicate indexes.
7. [Framework.].[Log.Activity] – New table for activity log data.
8. [Framework.].[Log.AddActivity] – New stored procedure for activity logging.
9. [Profile.Data].[Publication.Pubmed.LoadDisambiguationResults] – Added code for activity logging.
10. [Profile.Import].[LoadProfilesData] – Added code for activity logging.
11. [Profile.Data].[Publication.Pubmed.ParsePubMedXML] – Improved parsing of PMCID when both a PMCID and a NIHMSID are provided
12. [User.Session].[CreateSession] – Fix for issue that returns incorrect session ID.
13. [User.Account].[AuthenticateExternal] – New procedure used by Active Directory and Shibboleth authentication modules

Deprecated

1. Support for IIS6

Profiles RNS 2.8.0

Release Date: May 11, 2016

Bug Fixes

1. Profiles with many publications loading slowly due to GetDataRDF being called 3 times.
2. Null SQL parameters and DateTime parsing issues in Framework Utilities DataIO.cs.
3. Active Directory and Shibboleth Authentication switching UserID and PersonID.
4. Publication page: View in: visible with no link for custom publications.
5. DirectService.ascx, Result text can create SQL error if it is too long.
6. Unclosed database reader in MyNetwork.ascx.cs
7. Content-type charset is duplicated in sitemap header.
8. CSS Modernization.

What's New

1. Flash visualizations upgraded to HTML5
2. Altmetric Badges added to publication lists.
3. Logging option added to RDF..GetDataRDF.

Database Changes

1. [Profile.Module].[NetworkRadial.GetCoauthors] – Added JSON output.
2. [RDF.].[GetDataRDF.DebugLog] – New log table.
3. [RDF.].[GetDataRDF.DebugLog.ExpandRDFListTable] – New log table.
4. [RDF.].[GetDataRDF] – Added logging option.

Profiles RNS 2.9.0

Release Date: August 12, 2016

Bug Fixes

1. Edits to publication dates in custom publications not saved.
2. List of ORNG gadgets included in person summary RDF.
3. Harvard specific code remains in various places in the database and .Net code.
4. Import validation procedure incorrectly flagging short addresses.
5. ID repeated for two text boxes in EditDataTypeProperty.ascx.

What's New

1. A new Research Activities and Funding module. Users can search for and add NIH grants or manually enter funding information. Institutions can pre-populate the site with funding information from local administrative systems if they have it.
2. A new Freetext Keywords module. This enables users to enter custom interests or areas of expertise that are not reflected in the automatically-generated Concepts list.
3. A new Education and Training module. Users can list the schools they attended and degrees they earned.
4. The MeSH file included with the Profiles RNS software distribution is updated to 2016 MeSH. The semantic mappings are now included as a separate install file.
5. Google Analytics Javascript added by default to the Template.Master file, with the Google key added as a variable to web.config.
6. Set validate request protection to true by default to prevent cross site scripting vulnerability in edit pages.
7. Updated the import validation procedure to check that the same internalusername is not used in both the [Profile.Import].[User] and [Profile.Import].[Person] tables.
8. Updated the PRNS owl file with ontology classes and properties used by the Research Activities and Funding and Education and Training modules.
9. Updated shindigorng war file.

Database Changes

1. [Profile.Data].[Concept.Mesh.ParseMeshXML] – Modified to handle 2016 MESH file format and the new Semantic types xml file.
2. [Profile.Data].[Publication.Entity.UpdateEntity] –Modified to fix custom publication date bug.
3. [Search.Cache].[Private.GetNodes] – Modified to remove Harvard specific code.
4. [Ontology.].[UpdateDerivedFields] – Modified to overwrite the default label for the Research Activities and Funding module.
5. [Profile.Data].[Concept.Mesh.SemanticType.XML] – New table to store semantic type xml data.
6. [Profile.Data].[Funding.Add], [Profile.Data].[Funding.Agreement], [Profile.Data].[Funding.Delete], [Profile.Data].[Funding.Role] – New tables for Research Activities and Funding module.
7. [Profile.Data].[Funding.AddUpdateFunding], [Profile.Data].[Funding.DeleteFunding], [Profile.Data].Funding.Entity.UpdateEntityOnePerson] – New stored procedures for Research Activities and Funding module.
8. [Edit.Module].[Custom.EditEducationalTraining.StoreItem] – New stored procedure for Education and Training module.
9. [Profile.Import].[ValidateProfilesImportTables] – Fixed existing and added missing tests.

Profiles RNS 2.10.0

Release Date: Jan 5, 2017

Bug Fixes

1. Missing Open Social configuration files.
2. Incorrect Department and Institution lists in search proxy when all users in a department / institution are inactive.
3. Non default Cache timeout values being ignored.
4. Datamap not correctly ordered during install process.
5. Unnecessary nodes created when grants are added.
6. Removed unused NetworkDetails module.
7. RDF for funding objects missing some properties.
8. Delete all publications doesn't immediately update RDF.

What's New

1. Funding disambiguation.
2. Live updates.
3. Batch Processing of PubMed XML.
4. Removed redundant database calls when multiple publications are added at the same time.
5. Updated CustomEditAuthorInAuthorship module to use https PubMed eutils API.
6. Updated XML parsing to handle new date format in PubMed data.

Database Changes

1. [Profile.Data].[Funding.DisambiguationAudit],
[Profile.Data].[Funding.DisambiguationOrganizationMapping],
[Profile.Data].[Funding.DisambiguationResults] – New tables for funding disambiguation.
2. [Profile.Data].[Funding.AddDisambiguationLog],
[Profile.Data].[Funding.GetPersonInfoForDisambiguation],
[Profile.Data].[LoadDisambiguationResults], [Profile.Data].[ParseDisambiguationXML] – New stored procedures for funding disambiguation.

3. [Profile.Data].[Publication.PubMed.Author.Stage],
[Profile.Data].[Publication.PubMed.General.Stage], [Profile.Data].[PubMed.Mesh.Stage] – New tables for batch processing PubMed XML.
4. [Profile.Data].[Publication.PubMed.AddPubMedXML] – Modified to allow for batch processing PubMed XML.
5. [Profile.Data].[Publication.PubMed.ParseAllPubMedXML] – New stored procedure for batch processing PubMed XML.

Profiles RNS 2.10.1

Release Date: March 23, 2017

Bug Fixes

1. [Profile.Data].[Publication.PubMed.Author] can grow exponentially during disambiguation runs.
2. [Profile.Data].[Funding.GetPersonInfoForDisambiguation] doesn't correctly return batches of people.
3. GetFunding SSIS SQL Server 2008 package doesn't load results.
4. Multiple records generated in activity log for deleted profiles.

What's New

1. Updated column lengths to be compatible with 2017 PubMed xml.
2. Performance improvement in Activity Log database query.

Database Changes

1. [Profile.Import].[LoadProfilesData] – Modified to avoid multiple records being generated for deleted profiles.
2. [Profile.Data].Publication.PubMed.Author.Stage], [Profile.Data].Publication.PubMed.Author], [Profile.Data].Publication.PubMed.General.Stage], [Profile.Data].Publication.PubMed.General], [Profile.Data].Publication.PubMed.Keyword] – Columns widths changed to be compatible with 2017 PubMed xml.
3. [Profile.Data].[Funding.GetPersonInfoForDisambiguation] – Changed to correctly batch results.
4. [Profile.Data].[Publication.PubMed.ParseAllPubMedXML] – Modified to prevent exponential growth in [Profile.Data].[Publication.PubMed.Author].

Profiles RNS 2.11.0

Release Date: May 1, 2018

Bug Fixes

1. Profiles defaults to Internet Explorer 7 mode when running in Internet Explorer. This prevents some CSS from being rendered correctly, and visualizations from loading.
2. Typo in SearchDropDown.cs
3. Direct2Experts database access refactored to use parameterized stored procedure calls.
4. Removed unused PresentationXML assembly from database schema.
5. Fixed bug where inactive users could still log in.
6. Limited timeline visualizations to 30 years to avoid graphic extending outside panel.

What's New

1. Group Profiles - This is a new feature that enables site administrators to create separate pages in the Profiles RNS website for centers, laboratories, projects, or other groups of people. This allows a group to share information about itself on the Profiles RNS website and link to the profile pages of its members. (See the Profiles RNS Installation Guide for more information.)
2. Upgraded .Net version to 4.6.2.
3. More resilient handling of over length fields in ParseAllPubMedXML.
4. Updated Direct2Experts site list.
5. Compatibility with SQL Server 2016 and SQL Server 2017.

Database Changes

1. [Profile.Data].[Group.Admin], [Profile.Data].[Group.General], [Profile.Data].[Group.Manager], [Profile.Data].[Group.Member], [Profile.Data].[Group.Photo], [Profile.Data].[Publication.Group.Include], [Profile.Data].[Publication.Group.MyPub.General], [Profile.Data].[Publication.Group.Option] – New tables for Group Profiles.
2. [Profile.Data].[vwGroup.General], [Profile.Data].[vwGeneralWithDeleted], [Profile.Data].[vwGroup.Manager], [Profile.Data].[vwGroup.Member], [Profile.Data].[vwGroup.Photo], [Profile.Data].[vwGroup.Publication.Entity.AssociatedInformationResource] – New views for Group Profiles.

3. [Edit.Module].[CustomEditAssociatedInformationResource.GetList],
[Profile.Data].[Group.AddPhoto], [Profile.Data].[Group.AddUpdateGroup],
[Profile.Data].[Group.DeleteRestoreGroup], [Profile.Data].[Group.GetGroup],
[Profile.Data].[Group.GetGroups], [Profile.Data].[Group.GetPhotos],
[Profile.Data].[Group.Manager.AddManager], [Profile.Data].[Group.Manager.DeleteManager],
[Profile.Data].[Group.Manager.GetManagers],
[Profile.Data].[Group.Member.AddUpdateMember],
[Profile.Data].[Group.Member.DeleteMember], [Profile.Data].[Group.Member.GetMembers],
[Profile.Data].[Group.Member.Search], [Profile.Data].[Group.UpdateSecurityMembership],
[Profile.Data].[Publication.Entity.UpdateEntityOneGroup],
[Profile.Data].[Publication.GetGroupMemberPublications],
[Profile.Data].[Publication.GetGroupOption],
[Profile.Data].[Publication.Group.DeleteAllPublications],
[Profile.Data].[Publication.Group.DeleteOnePublication],
[Profile.Data].[Publication.Group.MyPub.AddPublication],
[Profile.Data].[Publications.Group.MyPub.CopyExistingPublication],
[Profile.Data].[Publication.Group.Pubmed.AddPublication],
[Profile.Data].[Publication.SetGroupOption],
[Profile.Module].[CustomViewAuthorInAuthorship.GetGroupList],
[Profile.Module].[NetworkAuthorshipTimeline.Group.GetData],
[Profile.Module].[NetworkMap.GetGroup],
[Profile.Module].[NetworkRadial.Group.GetCoAuthors] – New Procedures for Group Profiles.

4. [Ontology].[UpdateDerivedFields], [ORNG].[AddAppToPerson],
[ORNG].[RemoveAppFromPerson], [Profile.Data].[Publications.Entity.UpdateEntity],
[RDF].[GetDataRDF], [RDF].[GetPresentationXML],
[RDF.Security].[GetSessionSecurityGroupNodes] – Modified stored procedures for Group Profiles.

5. [Direct.Framework].[AddLogIncoming]. [Direct.Framework].[AddLogOutgoing],
[Direct.Framework].[UpdateLogOutgoing] – New stored procedures to parameterize website access to direct2Experts log tables.

6. [Profile.Data].[Publication.Pubmed.ParseAllPubMedXML] – Stored procedure modified to increase resilience to over length fields.

7. [PresentationXML] – Removed unused assembly.

8. [User.Session].[CreateSession], [User.Session].[UpdateSession] – Edited so users with inactive profiles can no longer log in.

9. [Profile.Module].[NetworkAuthorshipTimeline.Concept.GetData],
[Profile.Module].[NetworkAuthorship.Timeline.Person.GetData] – Limited results to 30 years.

Profiles RNS 2.11.1

Release Date: June 5, 2018

Bug Fixes

1. Incorrect redirect on DIRECT page when opening local site from DIRECT results.
2. Incorrect ordering in [Profile.Data].[Person.GetFacultyRanks]
3. SQL server 2016 jobs missing in release zip

What's New

1. GetDataRDF efficiency improvements - Modifications to allow different ExpandRDF lists per page.
2. Cache Presentation Data.
3. Uniqueness constraints for tables populated by Profile.Import.LoadProfilesData. Prevents loading of invalid data.
3. 2018 MeSH.
4. Remove unnecessary "usings" from C# code.
5. Move Direct log stored procedures from Direct.Framework to Direct. Schema

Database Changes

1. [Direct.Framework].[AddLogIncoming] – Renamed to [Direct.].[AddLogIncoming]
2. [Direct.Framework].[AddLogOutgoing] – Renamed to [Direct.].[AddLogOutgoing]
3. [Direct.Framework].[UpdateLogOutgoing] – Renamed to [Direct.].[UpdateLogOutgoing]
4. [Profile.Data].[Group.GetPhotos] – Merged into [Profile.Data].[Person.GetPhotos]
5. [Profile.Data].[Organization.Department], [Profile.Data].[Organization.Division], [Profile.Data].[Organization.Institution], [Profile.Data].[Person], [Profile.Data].[Person.Affiliation], [Profile.Data].[Person.FacultyRank], [User.Account].[User] – Added unique constraints to prevent loading of invalid data.
6. [Ontology.].[ClassPropertyCustom] – New table to overwrite [Ontology.].[ClassProperty] for common [RDF.].[GetDataRDF] queries.
7. [Framework.].[CreateInstallData], [Framework.].[LoadInstallData], [Ontology.].[Cleanup] – Modified to add [Ontology.].[ClassPropertyCustom] to install data.

8. [RDF.].[GetDataRDF] – Modified to use [Ontology.].[ClassPropertyCustom] for faster page loading.

9. [Profile.Data].[Person.GetFacultyRanks] – Added sort by.

10. [Profile.Data].[Concept.Mesh.ParseMeshXML] – Added truncation of [Profile.Data].[Concept.Mesh.SemanticType.XML] table to allow MeSH update.

Profiles RNS 2.12.0

Release Date: September 12, 2019

Bug Fixes

1. ORNG gadget metadata incorrectly being indexed and returned in search results.
2. ClassPropertyCustom table was not being updated with new _ClassPropertyIDs when [Ontology].[AddProperty] is run, leading to incorrect properties being shown in profile pages.
3. Updated Geocoding SSIS package to include Google API key.

What's New

1. New look and feel. Changes include moving the left sidebar links to a top menu bar, and increasing width of the main content section.
2. Enhanced publications module. Adding citation counts, journal headings, and sorting options.
3. New CallPRNSWebservice SSIS package designed to allow additional PRNS webservices to be added without institutions needing to install new packages. The Bibliometrics webservice required by the enhanced publications module uses this package.

Database Changes

1. [Profile.Import].[PRNSWebservice.Log], [Profile.Import].[PRNSWebservice.AddLog], [Profile.Import].[PRNSWebservice.GetPostData], [Profile.Import].[PRNSWebservice.ImportData] – New generic table and stored procedures for PRNS webservice SSIS package.
2. [Profile.Data].[Publication.Pubmed.Bibliometrics], [Profile.Data].[Publication.Pubmed.JournalHeading], [Profile.Module].[CustomViewAuthorInAuthorship.GetJournalHeadings], [Profile.Data].[Publication.Pubmed.GetPMIDsforBibliometrics], [Profile.Data].[Publication.Pubmed.ParseBibliometricResults] – New tables and stored procedures for Enhanced publications module.
3. [Profile.Module].[CustomViewAuthorInAuthorship.GetGroupList], [Profile.Module].[CustomViewAuthorInAuthorship.GetList] – Modified stored procedures for enhanced publications module.
4. [Ontology].[AddProperty] – Added code to update ClassPropertyCustom table.

Deprecated

1. Support for SQL Server 2008

Profiles RNS 3.0.0

Release Date: June 18, 2020

While the focus of Profiles RNS 2 was the addition of new features on the public website through plugins and modular gadgets, in Profiles RNS 3 we will add new functionality for users (researchers and administrators) who are logged into the website, such as reports, data downloads, and dashboards.

Bug Fixes

1. Removed "Harvard Catalyst Profiles" from page header.
2. Usability and display fixes for Group profiles.
3. Refactor code to access BasePath and BaseURI through stored procedures.
4. Improved error messages from [Profile.Data].[Publication.Pubmed.AddPubMedXML]
5. Remove institutions with no members from search dropdown.

What's New

1. Person Lists. This new feature enables users to select an arbitrary set of profile pages and generate various reports, maps, and network graphs, or export data about those profiles. There are many uses cases for Person Lists, such as (a) seeing how investigators are forming teams to study a research topic, (b) creating a network graph for a grant proposal that illustrates how the investigators have previously collaborated, and (c) extracting publication lists for annual activity reports.
2. New Plugin/Module Framework. Profiles RNS 3.0.0 ends our support of OpenSocial Apps. OpenSocial was introduced in Profiles RNS 2.0.0, and allowed for quick development and deployment of applications within Profiles RNS. Unfortunately OpenSocial is no longer actively developed, and therefore we chose to retire it from the software. Profiles RNS 3.0.0 introduces "Generic RDF" modules as new approach for quickly adding functionality. Generic RDF reuses a lot of the database code from the Profiles Open Social integration, to abstract out the management of RDF within profiles. This allows developers to register a module by adding a single row a database table and storing data in a relational format. The intention of Generic RDF Modules is to allow C# .NET developers who are not familiar with the Profiles RDF structure to easily and quickly develop modules. Profiles RNS 3.0.0 includes example modules that can be used as a basis for development, such as new versions of the YouTube, Twitter, and Slideshare written for Generic RDF. The Websites and Media Links gadgets have also been rewritten, but as standard RDF based Profiles modules.

3. Disambiguation options. Users can choose to disable disambiguation for their profile. This is important for a small number of users where the disambiguation algorithm incorrectly adds the wrong publications or grants to their profiles. PMIDs can be excluded from xml refresh.
4. General API Communication Package. In Profiles RNS 3.0.0 we have added a new ProfilesRNS_CallPRNSWebservice.dstx SSIS package. This package is designed as a general API communication package. Able to handle all current, and future API communication by the profiles database. This package is currently used to call the bibliometrics API, and replaces the ProfilesGeoCode.dstx package for calling the Google Geocoding API. In future version it will replace the PubMedDisambiguation_GetPubs.dstx, PubMedDisambiguation_GetPubMEDXML.dstx and ExporterDisambiguation_GetFunding.dstx packages. This new package adds optional logging capability (including a debug setting that logs all posted data and received data) which we hope will help institutions troubleshoot API issues. Once all API communication is handled by a single package, we aim to add a non-SSIS based option in future versions to enable compatibility with SQL Server Web edition.
5. Other backend improvements:
 - a. Moved fulltext index from RDF..Node to RDF..vwLiteral for improved search speed.
 - b. Add Integration Services Catalog version of SQL Server 2016 SSIS packages.
 - c. Add SQL Server 2017 SSIS packages.

Modified Database Objects

1. [Profile.Import].[PRNSWebservice.Log],
[Profile.Data].[Publication.Pubmed.GetPMIDsforBibliometrics],
[Profile.Import].[PRNSWebservice.AddLog], [Profile.Import].[PRNSWebservice.GetPostData],
[Profile.Import].[PRNSWebservice.ImportData] – SSIS package changes
2. [RDF.].[Node], [RDF.Stage].[ProcessDataMap], [RDF.Stage].[ProcessTriples] – Fulltext index move
3. [Profile.Data].[vwGroup.Publication.Entity.AssociatedInformationResource],
[Profile.Data].[Group.AddUpdateGroup], [Profile.Data].[Group.DeleteRestoreGroup],
[Profile.Data].[Group.Member.AddUpdateMember],
[Profile.Data].[Group.Member.DeleteMember], [Profile.Data].[Group.Member.Search],
[Profile.Data].[Person.GetPhotos], [Profile.Data].[Publication.Entity.UpdateEntityOneGroup],
[Profile.Data].[Publication.GetGroupMemberPublications] -- Group profiles fixes
4. [Framework.].[CreateInstallData], [Framework.].[LoadInstallData] – Generic RDF Modules
5. [Profile.Data].[Funding.GetPersonInfoForDisambiguation],
[Profile.Data].[Publication.PubMed.GetAllPMIDs],

[Profile.Data].[Publication.PubMed.GetPersonInfoForDisambiguation] – Disambiguation Options

6. [Profile.Data].[Organization.GetInstitutions] – Remove institutions with no members from search dropdown.

7. [Profile.Data].[Publication.Pubmed.AddPubMedXML] – Improved error messages

8. [Search.].[GetNodes], [Search.Cache].[Public.GetNodes] – Lists

New Database Objects

1. [Profile.Cache].[List.Export.Publications], [Profile.Data].[List.Admin], [Profile.Data].[List.General], [Profile.Data].[List.Member], [Profile.Data].[List.SavedLists.General], [Profile.Data].[List.SavedLists.General], [Profile.Cache].[List.Export.UpdatePublications], [Profile.Data].[List.AddRemove.Filter], [Profile.Data].[List.AddRemove.Person], [Profile.Data].[List.AddRemove.Search], [Profile.Data].[List.AddRemove.SelectedPeople], [Profile.Data].[List.ExportCoAuthorConnections], [Profile.Data].[List.ExportPersonList], [Profile.Data].[List.ExportPersonPublicationsList], [Profile.Data].[List.GetList], [Profile.Data].[List.GetPeople], [Profile.Data].[List.GetSummary], [Profile.Data].[List.ReplaceActiveList], [Profile.Data].[List.UpdateAllLists], [Profile.Module].[NetworkMap.GetList], [Profile.Module].[NetworkRadial.List.GetCoAuthors] – Lists

2. [Profile.Data].[Funding.DisambiguationSettings], [Profile.Data].[Publication.PubMed.DisambiguationExclude], [Profile.Data].[Publication.Pubmed.DisambiguationSettings], [Profile.Data].[Funding.GetDisambiguationSettings], [Profile.Data].[Funding.UpdateDisambiguationSettings], [Profile.Data].[Publication.Pubmed.GetDisambiguationSettings], [Profile.Data].[Publication.Pubmed.UpdateDisambiguationSettings] – Disambiguation Options

3. [Profile.Data].[Group.MediaLinks], [Profile.Data].[Group.Websites], [Profile.Data].[Person.MediaLinks], [Profile.Data].[Person.Websites], [Profile.Data].[vwURL], [Edit.Module].[CustomEditWebsite.AddEditWebsite], [Edit.Module].[CustomEditWebsite.GetData] – Websites and Media Links

4. [Profile.Import].[PRNSWebservice.Options], [Profile.Import].[GoogleWebservice.GetGeocodeAPIData], [Profile.Import].[GoogleWebservice.ParseGeocodeResults], [Profile.Import].[PRNSWebservice.CheckForErrors] – SSIS package changes

5. [Profile.Module].[GenericRDF.Data], [Profile.Module].[GenericRDF.Plugins], [Profile.Module].[GenericRDF.AddEditPluginData], [Profile.Module].[GenericRDF.AddPluginToProfile], [Profile.Module].[GenericRDF.AddUpdateOntology],

[Profile.Module].[GenericRDF.GetPluginData],
[Profile.Module].[GenericRDF.RemovePluginFromProfile] – Generic RDF Modules

6. [Framework.].[GetBasePath], [Framework.].[GetBaseURI] – Refactor code to access BasePath and BaseURI through stored procedures

7. [Profile.Data].[Publication.Group.MyPub.GetPublication],
[Profile.Data].[Publication.Group.MyPub.UpdatePublication] – Group profiles fixes