

Semesta 2017

Confidential

ILS Client 3.0 (Release Notes)

Desktop Application Technology

1. .NET Framework 4.0 (32bit, 64-bit)
2. Visual Studio Enterprise 2015

Back-End Technology

1. SQL Server 2016 (64-bit)
2. [ASP.NET](#) Core Web Api (64-bit)

New Features and Improvements

1. Modern Application with REST API for cataloging, circulation module
2. New cataloging experience repeat tag and sub-field easier enhance meta-data management *[see screenshot]*
3. New module. Reserve and Inventory
4. Full OPAC configuration right from the client application *[see screenshot]*
5. Improve file manager module add file repository features *[see screenshot]*
6. Improve batch MARC records search and replace. allow undo last action *[see screenshot]*
7. Add metadata management support Dublin Core and RDA standard
8. Improve MARC Validations

OPAC 4.0 (Release Notes)

New Features and Improvements

1. Single Search. discover information across Library catalog, websites, e-Resources or custom content.
2. Support more than 35 languages with full text search and support language-specific analysis for each languages (See Support languages section)
3. 3x faster search from previous version (Test with 1 Million records)
4. Support external content with single search. Summon, WorldCat
5. Support web site search. Automatic web crawl with standard XML Sitemap
6. Improve Dynamic navigation with show all facets in lightbox
7. Ability to exclude facets base on configuration
8. Near Real-Time Indexing
9. Supports multi-tenant architectures. Search index can run separately on Linux
10. Support Linux OS
11. Support Master-Slave index replication. Highly scalable, fault tolerant distributed infrastructure.

Back-End Technology

1. Apache Solr 6.3 (JAVA 64-bit)
2. SQL Server 2016 (64-bit)
3. Maria DB 10.1 (64-bit)

Web Application Technology

1. PHP 7.0.11 (64-bit TS)

2. Apache 2.4 (64-bit)
3. [ASP.NET](#) Core Web Api (64-bit)
4. Zend Framework 2.4

Support languages and language-specific analysis

1. Arabic
2. Armenian
3. Basque
4. Brazilian Portuguese
5. Bulgarian
6. Catalan
7. Chinese
8. Japanese
9. Korean
10. Czech
11. Danish
12. Dutch
13. English
14. Finnish
15. French
16. Galician
17. German
18. Greek
19. Hebrew
20. Hindi
21. Hungarian
22. Indonesian
23. Italian
24. Lao
25. Myanmar
26. Khmer
27. Norwegian
28. Persian / Farsi
29. Polish
30. Portuguese
31. Romanian
32. Russian
33. Spanish
34. Swedish
35. Thai
36. Turkish