LexPredict ContraxSuite Documentation

Release Notes and Changelog

Release 1.0.2 - October 1, 2017

Summary

Version String	1.0.2
Major Version	1
Minor Version	0
Increment Number	2
Release Date	October 1, 2017
Release Branch	1.0.2

Release Notes

ContraxSuite Release 1.0.2 is the third open source release and is generally available on October 1, 2017.

Release 1.0.2 focused on stabilizing and improving the public open source feature set, including:
- Improved automation and documentation for installation and configuration.
- Refactored, integrated, and improved core locator code in LexNLP package.
- Nearly 200 unit tests on 500 real-world text examples.
- Additional pre-trained models and classifiers.

Detailed Changelog

New in Release 1.0.2

- Improved documentation for installation and configuration.
- Automated Canvas theme installation for single-line installer.
- Automated jq package installation for single-line installer.
- Added new visualization/report functionality.
- Added "export to calendar" functionality for dates.
- Refactored and integrate core extraction into separate LexNLP package.
- Released nearly 200 unit tests with over 500 real-world test cases in LexNLP.
- Improved definition, date, and financial amount locators for corner cases.
- Integrated PII locator for phone numbers, SSNs, and names from LexNLP.
- Integrated ratio locator from LexNLP.
- Integrated percent locator from LexNLP.
- Integrated regulatory locator from LexNLP.
- Integrated distance locator from LexNLP.
- Integrated case citation locator from LexNLP.
- Improved geopolitical locator to allow non-master-data entity location.
- Improved party locator to allow configuration and better handle corner cases.
- Refactored English term locator for improved scalability and database compatibility.
- Resolved URL issue in embedded document viewer.
- Releasing common legal term set for top 1000 terms based on 100K contract sample.
- Added geopolitical subdivisions for Spain, China, and England.
- Improved list of US Federal and State regulators.
- Improved list of US Federal and State courts.
- Improved error message for locators when Court master data is missing.
- Improved UI to prevent multiple submission of admin tasks.
- Releasing word embedding model for credit/loan agreements.
- Releasing word embedding model for real estate and leasing contracts.
- Releasing word embedding model for operating agreements.
- Releasing word embedding model for labor and employment agreements.
- Releasing word embedding model for service and consulting agreements.
- Releasing word embedding model for generic agreements.
- Releasing pre-trained document type classifier.

New in Release 1.0.1

- Added deployment automation for superuser credentials and creation.
- Improved documentation for passwordless SSH for deployment automation.
- Changed from git to HTTPS protocol for deployment automation.
- Added two-factor authentication (2FA) for TOTP and HOTP.
- Added "Search by Party" to default UI.
- Added "Currencies" tab to default UI.
- Added additional metrics to global statistics page.
- Improved audit on Document and Text Unit Property data models.
- Changed default UI for editing Properties on Document Detail page.
- Improved default UI for DocumentTag lists and detail.
- Decreased default similarity threshold to 75% for Document and Text Unit task.
- Added knowledge set loading from lexpredict-legal-dictionary repository.
- Improved Court data model for names and abbreviations.
- Fixed "empty" cluster issue for non-DBSCAN clustering tasks.
- Improved auto-complete result order by corpus frequency.
- Fixed error on global statistics page when no Projects or Queues exist.
- Fixed path issues for ES, git, and celery in deployment automation.
- Improved "Add to task queue" form for Cluster workflow.
- Fixed "Class Name" issue for new Classifier workflow.
- Allow clustering by term or model dimensions.
- Added new semi-supervised classification method (LabelSpreading).
- Added new Quick Start Installation Guide for Linux.
- Added new Administration Guide for Linux.
- Updated Installation and Configuration Guide.
- Updated Software and Data Dependencies.
- Updated Technical FAQ.
- Updated Security FAQ.
- Updated Data Model Diagrams.
- Updated Architecture Diagram.
- Separated Knowledge Set documentation from Dependency document.
- Updated Knowledge Set documentation.
- Refactored Knowledge Set structure and naming.
- Added UK GAAP Accounting terms.
- Added US FASB Accounting terms.
- Added US State regulators.
- Added limited English, French, and Spanish translations for German courts.
- Translated geopolitical entities for English, Spanish, German, and French.
- Added geopolitical relationships.
- Translated chemical elements and compounds for English, Spanish, German, and French.
- Added word2vec models for employment agreements.

- Added word2vec models for leases.
- Added US hazardous waste.
- Added 300 new software license samples.
- Added 100 new construction agreement samples.
- Added 500 new credit agreement samples.
- Added 200 new severance agreement samples.