Intella 1.8.3 Release Notes

Highlights

- One can now **export HTML emails to PDF** with preservation of their layout.
- Improved **performance of concurrent access** on shared cases.
- Added **command-line** support for creating and indexing cases.
- Improvements for **indexing cellphone reports**.
- Added a **Chat Account** facet.

General

- This release includes a large number of improvements for indexing cellphone reports, e.g. improved type detection of certain item classes, improved indexing of certain less common date formats, resolved text encoding issues, etc. Also included in this is the new Chat Account facet, see below. These changes affect indexing, searching and exporting.

Case Management

- Cases can now be created and indexed from the command-line. Users can create and open cases, index evidence folders and apply a post-processing task, e.g. searching, tagging and exporting items. A user interface showing the progress of these actions is optionally visible.

Indexing

- Several indexing performance and stability fixes.
- Added support for decrypting documents in the old Word format (.doc format; .docx was already supported).
- Made indexing tasks entirely self-contained. For example, when an indexing task relies on an MD5 list, that MD5 list is stored as part of the task rather than referenced. This ensures that such indexing tasks can be copied from one case to another.
- The indexing exceptions report now suppresses certain minor indexing issues that are not worth mentioning and can significantly expand the size of the report. Furthermore some descriptions were improved to better reflect the nature and location of the problem.
- Improved file type detection of split ZIP archives.
- Fixed missing phone call durations when indexing Oxygen XML reports.

Searching

- Optimized the performance of saved searches involving location and parent/child searches.
- Reorganized the Type facet to better support items from cellphone reports. For example, branches have been added for Accounts, Browser Artifacts, Databases, System files and User Activities.
- Added a Chat Account facet, containing the senders and receivers of chat messages from instant messaging applications such as Skype, ICQ, WhatsApp, etc. Previously these were covered by the Phone Number facet, Email Address facet or not at all. SMS and MMS messages are covered by both the Phone Number and Chat Account facets.

- When querying for the "Others" branch in the Type facet, the items classified as "Unknown" are now included in the result set.
- Resolved an issue with the results of queries containing wildcards not having their search hits highlighted properly.
- Resolved an issue with the Language facet not making the distinction between "unidentified" and "not applicable" items.

Previewer
- Optimized the rendering speed of very large documents.
- Resolved an issue with line breaks being ignored when Intella 1.8.x was used to review a case indexed with Intella 1.7.x.
- Resolved an issue where the number of hits shown in the Contents tab did not include the hits found in the item properties at the top of the tab.
- Resolved an issue with Open Containing Folder producing an error on some items.
- Removed the (now irrelevant) warning about preview generation shown in the Preview tab.

Results
- Resolved an issue with the Cluster Map not updating correctly when one of the result sets became empty while being visualized. This can for example happen with result sets representing tags or other annotations.
- Resolved an I/O error that occurred when scrolling the results table very quickly, e.g. by keeping the Page Down key pressed.

Exporting
- The HTML view of emails, shown in the Preview tab, can now be printed and exported to PDF.
- Resolved an issue with the text body of large items getting truncated during export.
- Several improvements to the Print Preview window.
- Made sure that export and load file templates are always stored using valid file names.

TEAM
- Improved overall performance with concurrent users accessing the same shared case.

Upgrade Notes

Intella 1.8.3 can open cases made with Intella 1.7.x and all previous 1.8.x versions. Cases made with Intella 1.8 beta 1 or beta 2 are not supported and should be recreated.

Cases made with Intella 1.7.x do not require any case conversion or re-indexing. However, some functionalities and improvements may not be available for such cases. Cases made with Intella 1.7.x cannot be re-indexed or extended with additional sources.

Cases made with Intella 1.6 or older are not supported. One can however use Intella 1.7.3 to convert these cases to the 1.7 format and then open them in 1.8.x.