

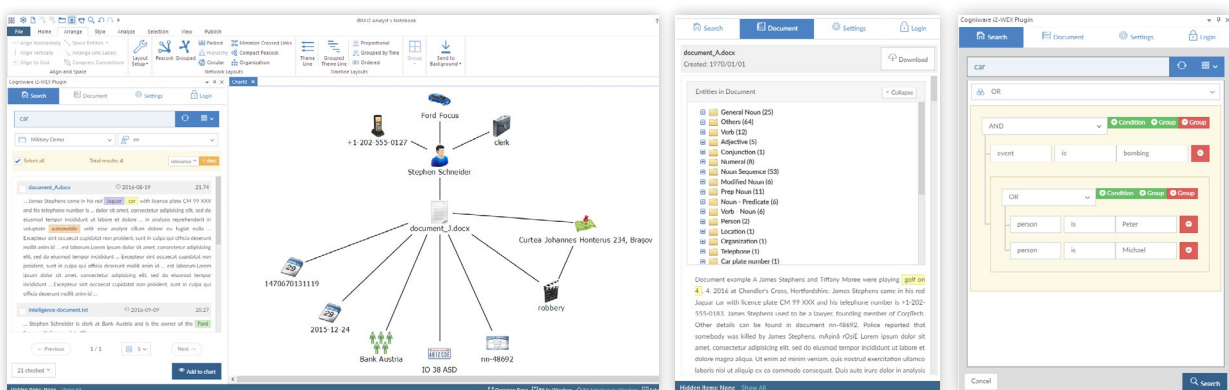


COGNIWARE INTEGRATION FOR IBM I2 ANALYST'S NOTEBOOK AND WATSON EXPLORER CONTENT ANALYTICS

Unstructured content extension for IBM i2 Analyst's Notebook client with security and dynamic layouts.

PRODUCT SHEET

Cogniware integration between IBM i2 Analyst's Notebook and IBM Watson Explorer Content Analytics enables analysts to access and leverage unstructured content directly in Analyst's Notebook rich client interface, with all capabilities needed to search, explore and import suitable data.



Cogniware i2 Analyst's Notebook Plugin User Interface

OVERVIEW & MAIN FEATURES

Cogniware i2WEX integration consists of three main components:



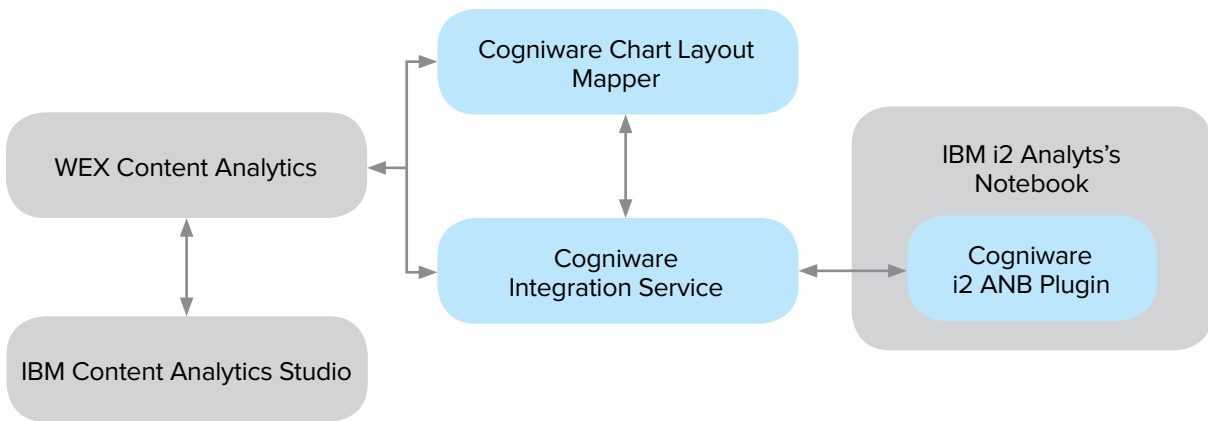
Cogniware Chart Layout Mapper, a web interface for complex and dynamic chart layout definition by specifying business rules to connect extracted entities.



Cogniware Integration Service, which connects Watson Explorer (WEX) Content Analytics and i2 Analyst's Notebook (ANB) and transforms data according to chart layout defined in Chart Layout Mapper.



Cogniware i2 ANB Plugin, which gives users the ability to instantly search and visualize data from WEX in i2 ANB.



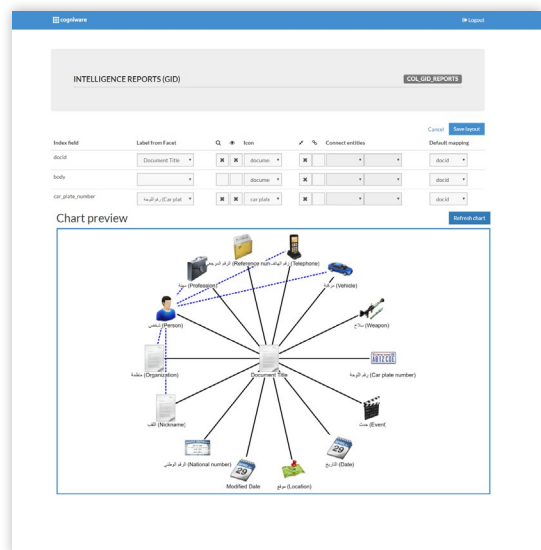
Cogniware Integration Solution Architecture

Flexible Chart Layout Definition Interface

Our visual mapping interface is a web client that allows analysts to specify a chart layout when importing the data into the ANB. The interface enables entities to link among themselves according to predefined business rules and thus creating unique layout definitions. Analysts are able to define which index fields can be searched via the plugin, and which fields can be imported into the chart, for every collection separately.

Easy-to-use Plugin User Interface

Our plugin user interface is built as a standard i2 ANB plugin, but created in a modern way. Responsive design of the solution fits automatically with window and resizes and reorders the components regarding to the space on the screen, keeping all functionality fully available. Every user action has appropriate system response to maintain the comfortable flow of work.



Advanced Fulltext Search

Users can search for documents either in a single search box that fully respects WEX Content Analytics syntax in its entirety or use an advanced search feature via our Query builder. Query builder enables a field-specific search and logical operators nesting. By selecting a specific collection, all settings related to this collection are loaded with an automatic layout.

Exploring Results and Import Entities to Chart

Search results are immediately displayed on the search page with highlighted search terms to provide quick dive in. Features such as pagination, number of results per page and sorting by various criteria are built-in.

Users can easily choose which documents from results (and what types of entities from these documents specifically) will be imported into existing ANB chart. Pre-defined layout is automatically used.

Direct Access to Indexed Documents from Plugin

Users can see document detail, including highlighted entities extracted from content, by clicking document title or document icon in chart. Original documents can be opened or downloaded directly from plugin.

Security Model in Full Scale

Cogniware i2WEX integration is utilizing WEX built-in document-level security model. Every user needs to authenticate to the plugin and is allowed to work only with the content he is authorized to use. When the user logs out, the displayed chart and search data are deleted to ensure high level of privacy.

Language Support

Cogniware i2WEX integration user interface can be easily translated into different languages. Currently supported languages are English and Arabic (including Right-to-Left layout).

Backwards Compatibility and Support

IBM Content Analytics with Enterprise Search 3.0, Watson Content Analytics 3.5,
IBM Watson Explorer Content Analytics 10 and newer.
IBM i2 Analyst's Notebook 8.7 and newer (both Standard and Premium versions).

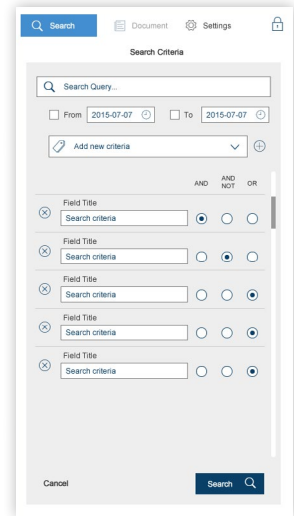
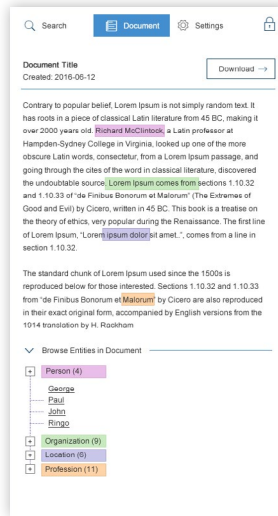
Cogniware is including support for one year in a license of a product.

USE CASES

Public Safety and Intelligence

An intelligence organization extracts various entities such as people, locations, organizations or events from intelligence reports or web sources (social media, discussion forums, web portals).

Thereafter they use these data in i2 ANB to reveal hidden connections between entities. Cogniware i2WEX integration enables these organizations to define various business rules to connect entities and create sophisticated chart layouts to work with higher efficiency in one user interface.



Key features:

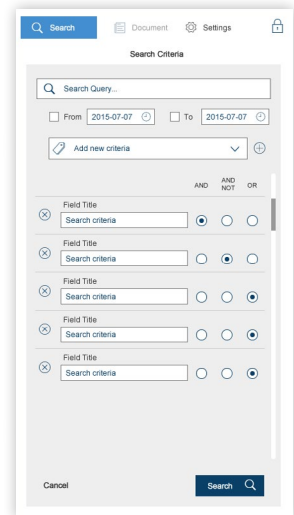
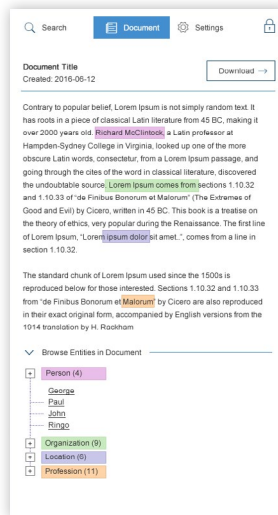
Security model

Special Chart Layout

Right to left language support

Customer Care

Marketing or PR Departments can visualize their customer network across all available communication and sales channels and analyse text posts or comments. Using this approach, it's possible to identify clusters of satisfied customers or so called haters and realise appropriate actions.



Key features:

Entity filtering

Results Highlighting

Advanced Query builder



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