

Rosette Discovery has been designed in response to requirements from government and commercial organisations for customers who wish to leverage the cutting-edge language and semantic analysis tools from Basis Technology effectively and rapidly without having to engage in protracted, costly development programmes.

Instead of spending time, money and resources on training courses followed by knowledge transfer and in-depth (and probably outsourced) business analysis, Rosette Discovery enables users to expeditiously realise business benefit through indexing their data immediately in order to quickly and easily understand its capabilities and define business requirements. Rosette Discovery can also be treated as a ‘starter’ system, which can readily and cost-effectively be integrated with existing customer systems and extended to facilitate specific customer needs.

Rosette Discovery indexes data using Elasticsearch and extracts entities, relationships, and sentiments, and categorizes documents using both Machine Learning and predefined ready-to-use models against a customer-defined taxonomy. Extracted entities are checked against a customer-defined watchlist using the Basis advanced language-agnostic name matching tool, and matches are flagged to the user visually. Entities are enriched with Wikidata information where matches are found.

Search is provided and leverages both Elasticsearch and Basis software to provide accurate results. These search results can then be configured in many different visualisations, each with different focuses, examples of which are shown in the images below. Point-in-time queries are also supported, enabling users to search their data as it was at a particular date, providing a useful tool for compliance or point-in-time context analysis purposes.

For more information about Rosette Discovery and how it could benefit your organisation, please contact Ultris.

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height="31" width="99" alt="hi" /></a></p>
<p>hi</p>
<script type="text/computert">

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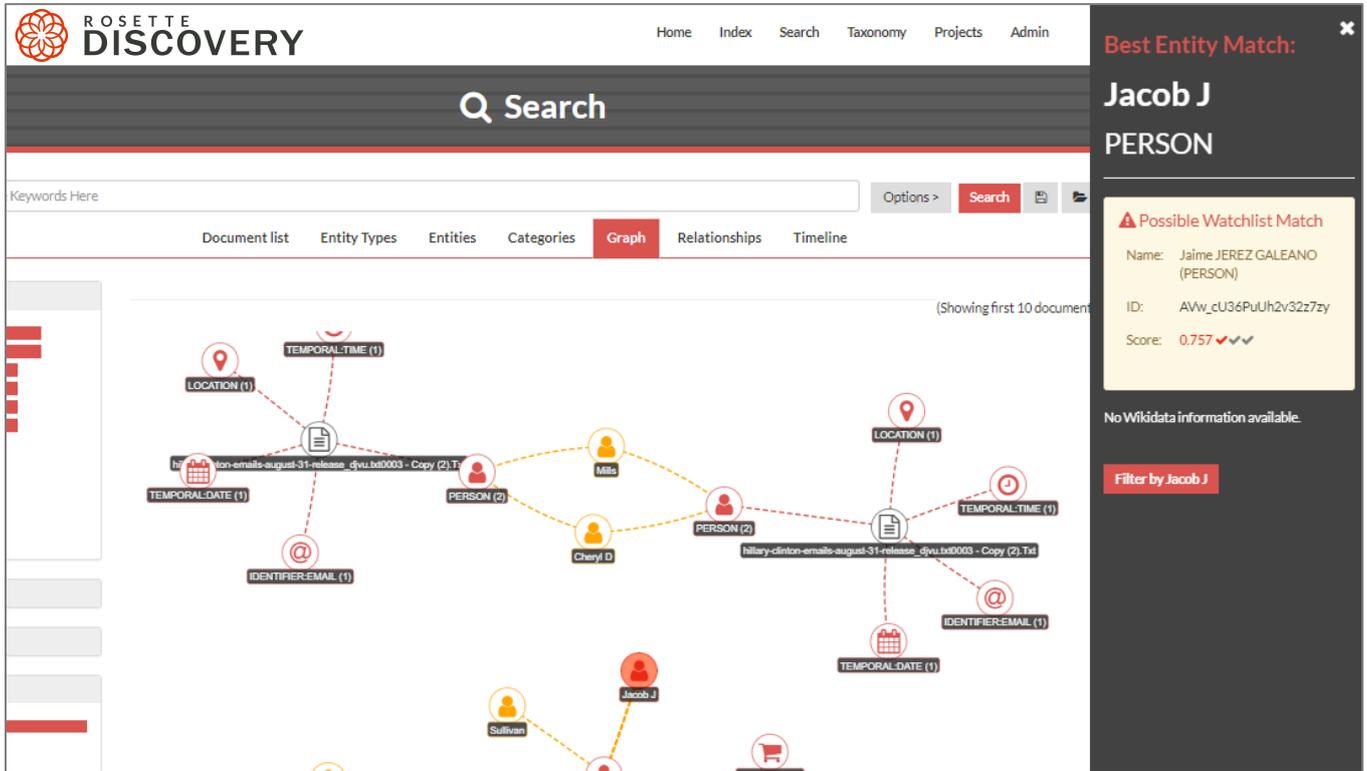
Search results list showing categories, entities, relationships and watchlist matches

Visualisation of entity occurrence in a search result set with watchlist matches in red

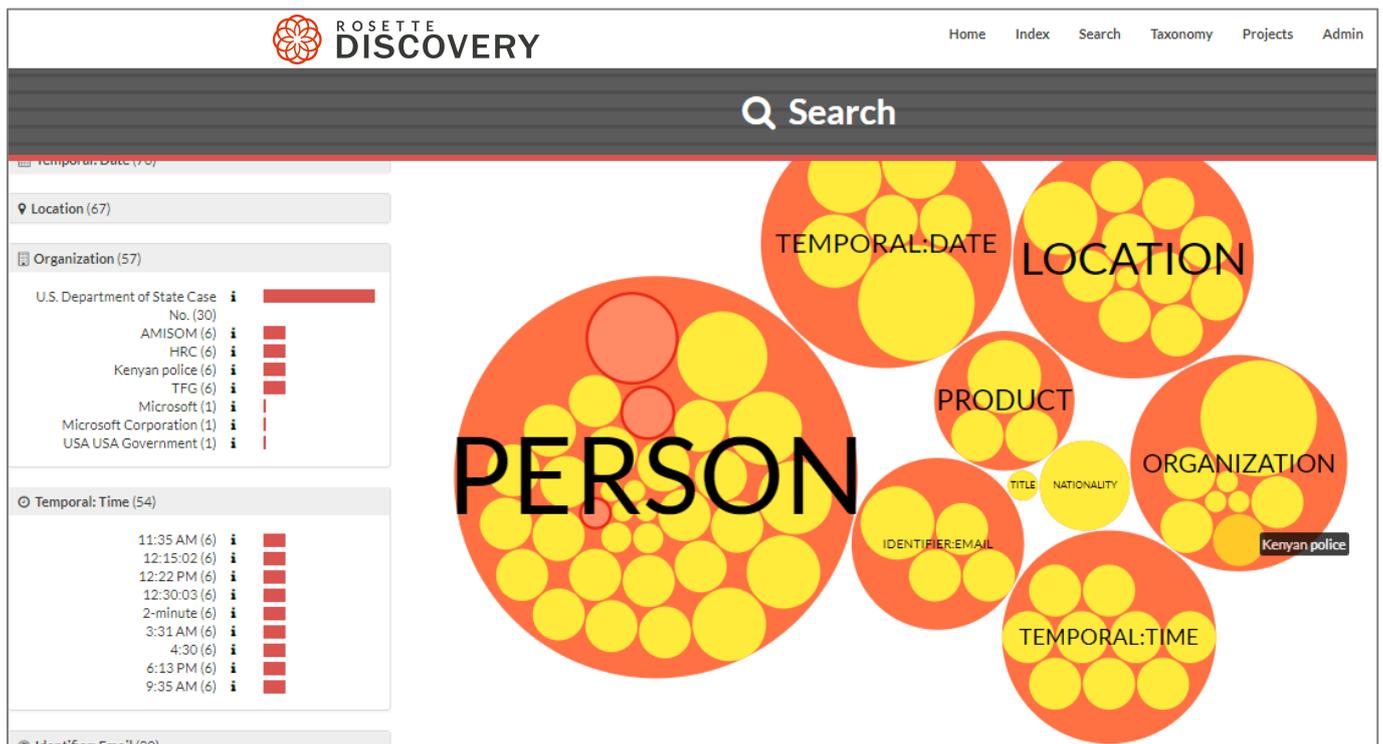
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Visualisation of relationships between entities in a search result



Visualisation of entity, document and relationship links