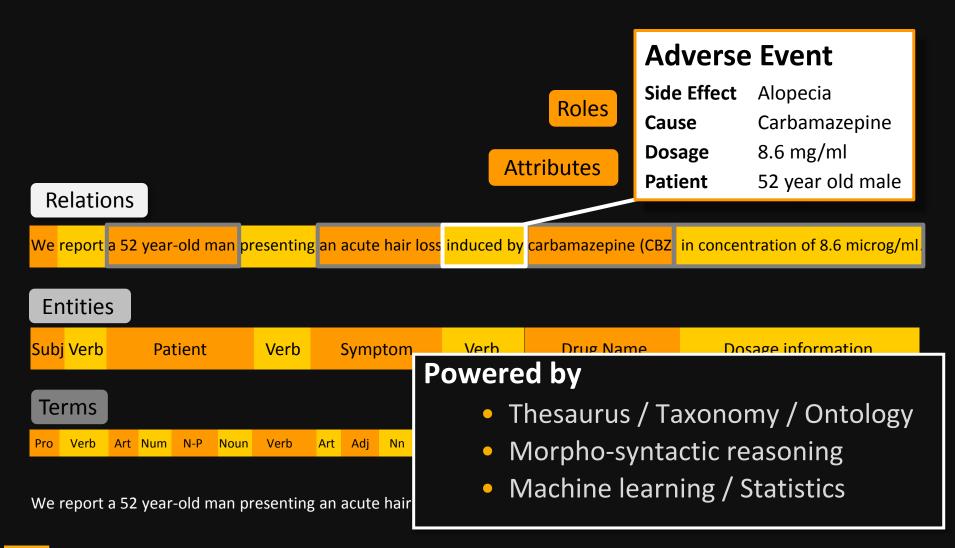




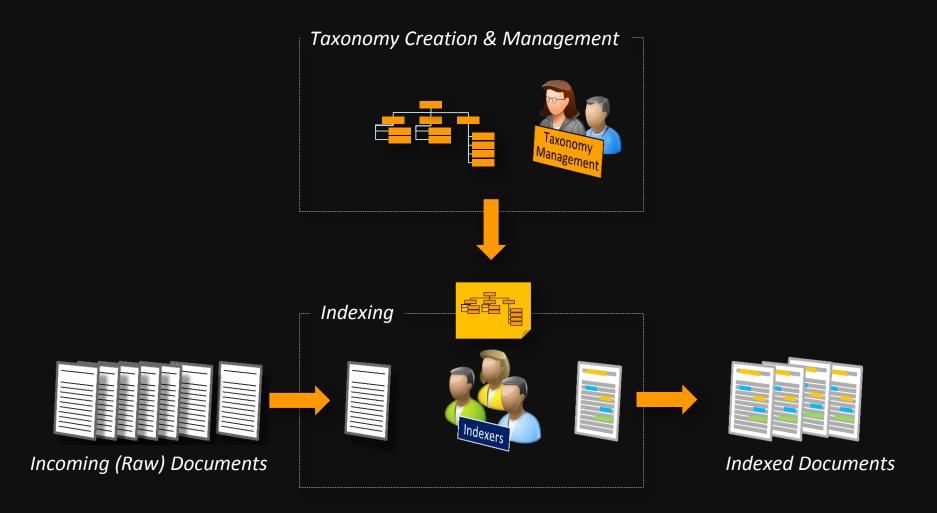
Connected Workflows For Semantic Enrichment

Daniel Mayer VP Marketing, TEMIS daniel.mayer@temis.com

What Is Semantic Content Enrichment? Starts with automated extraction of information



Traditional Workflow Manual



Automated Indexing Going Mainstream Top 3 reasons



x18 Indexing of 10M abstracts2 months vs. 36 months (manual)

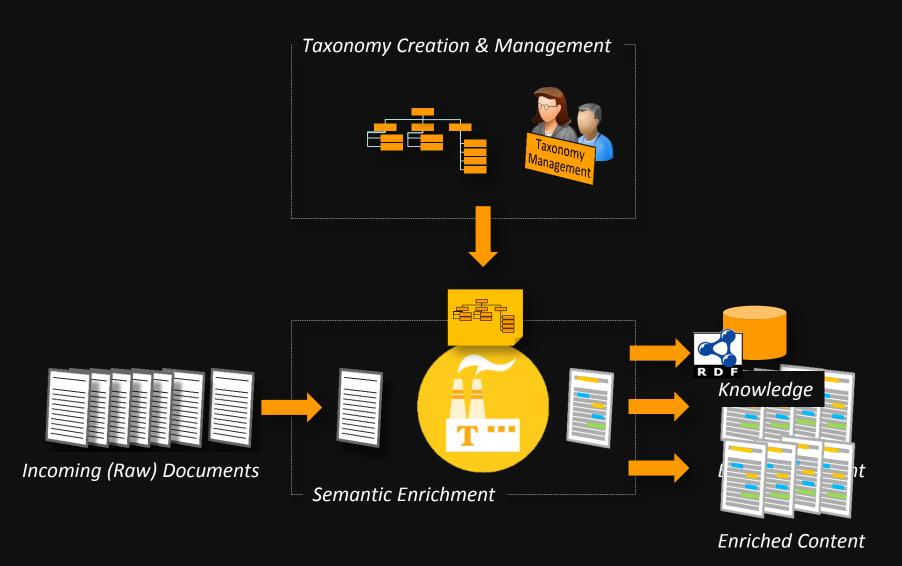


95% Legal citation linking & case redaction/4 Resources for legal consolidation

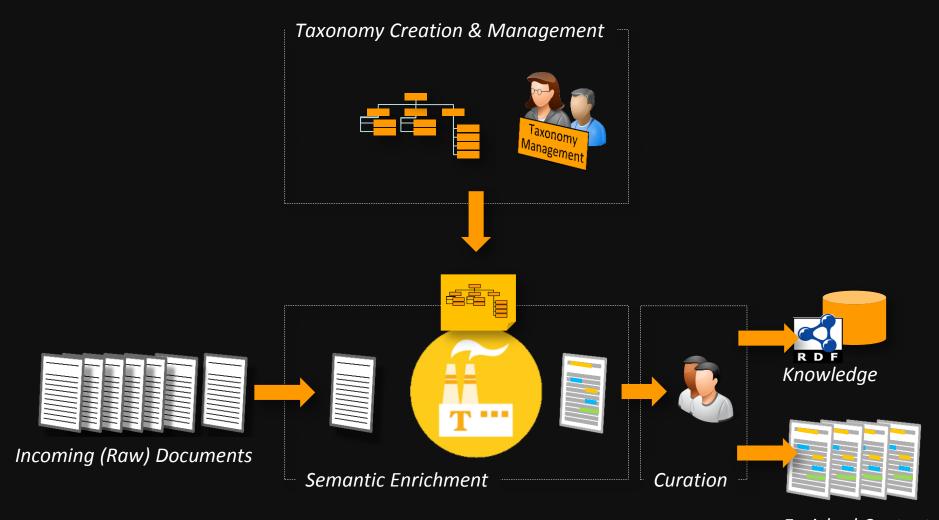


x8 Volume of indexed documents (stable team size)

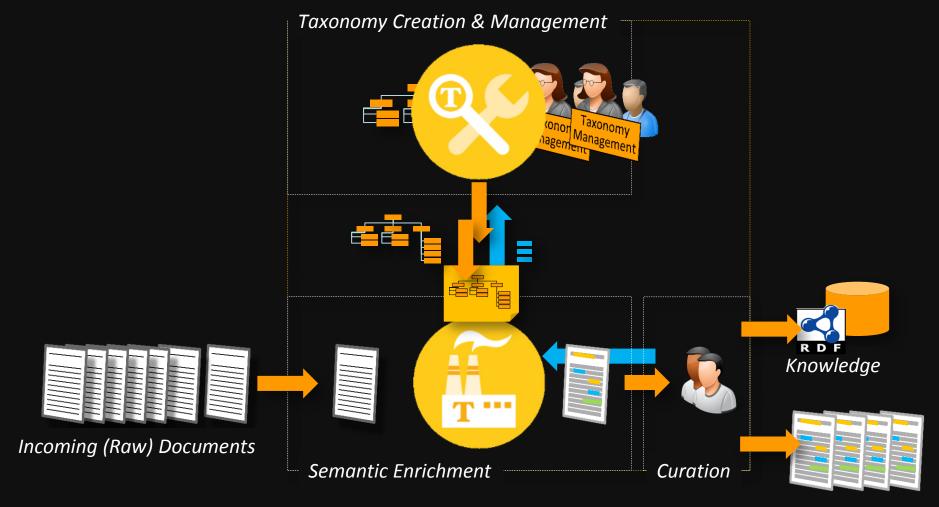
Automated Workflow



Automated Workflow Fully or semi-automated



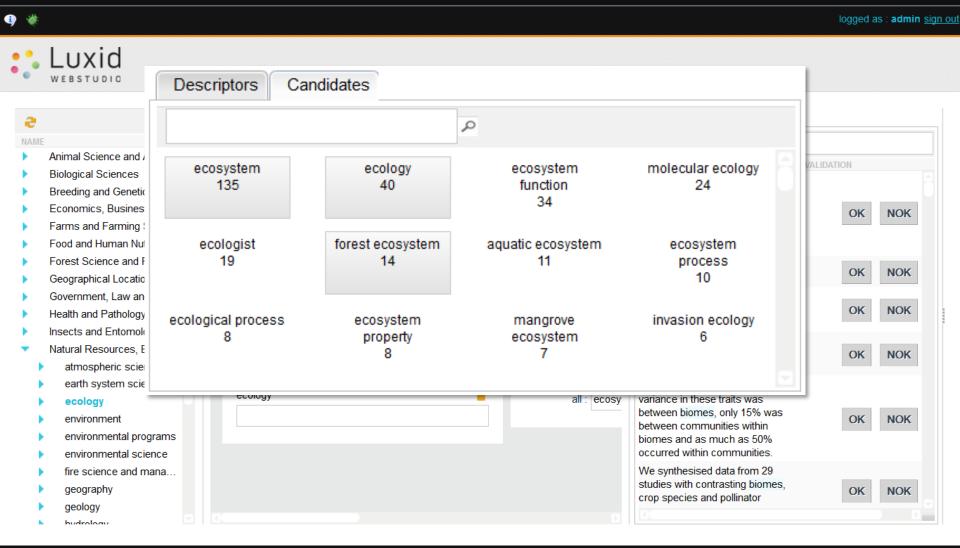
Connected Workflow Integration enables feedback



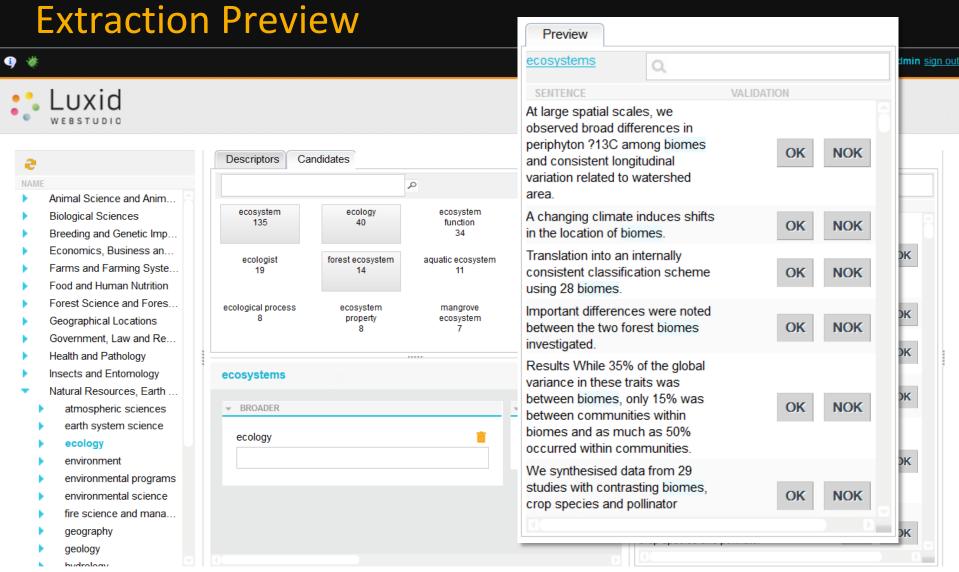
Connected Workflow Thesaurus/Taxonomy/Ontology Maintenance

4 logged as : admin sign out : Luxid 9 NAME NAME VARIANT.FRENCH Animal Science and Animal Products english ecology agroecology Biological Sciences Animal Science and Animal Pr... animal ecology english Breeding and Genetic Improvement chemical ecology english ecology Economics, Business and Industry community ecology english ecology synecology Farms and Farming Systems ecological processes and phen... english ecology Food and Human Nutrition ecological zones english ecology ecozones; ecological zonation Forest Science and Forest Products ecology biomes ecosystems english Geographical Locations Government, Law and Regulations ecosystems Health and Pathology Insects and Entomology ▼ BROADER ▼ VARIANT Natural Resources, Earth and Enviro ... ecology biomes atmospheric sciences earth system science all ecology french environment ▼ LABEL environmental programs ecosystems environmental science fire science and management geography ▼ LANGUAGE geology hydrology english marine science natural resource management natural resources

Connected Workflow Automated Candidates Suggestion



Connected Workflow



Benefits of a Connected Workflow Machines and Humans working together

- Efficient thesaurus/ontology management
 - Streamlined updates: automated candidates suggestion
 - Improved quality: organic relationship to actual content
 - Faster cycle time: verify & correct taxonomy 'indexing quality'
- Efficient indexing
 - Engines learn from human operators
 - Less overhead : reduced tool-switching
- Go beyond thesauri/taxonomies
 - Bridge to Ontologies & Knowledge Bases
 - Harvest Entities & Facts





Thank you!

Daniel Mayer VP Marketing, TEMIS daniel.mayer@temis.com



