

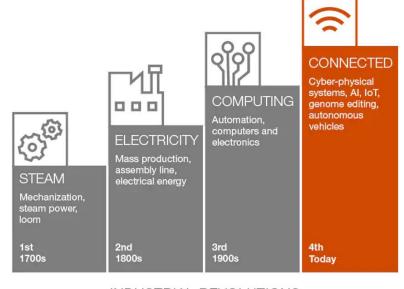
Prof Robert J. Balfour

"The impact of the Fourth Industrial evolution on indigenous languages as priorities for teaching and learning in higher education in South Africa."

17 October 2019

4IR & South Africa

Rectangular Snip





- INDUSTRIAL REVOLUTIONS

https://www.pwc.com/us/en/library/4ir-ready.html



Higher Education and multilingualism



https://www.nwu.az.za

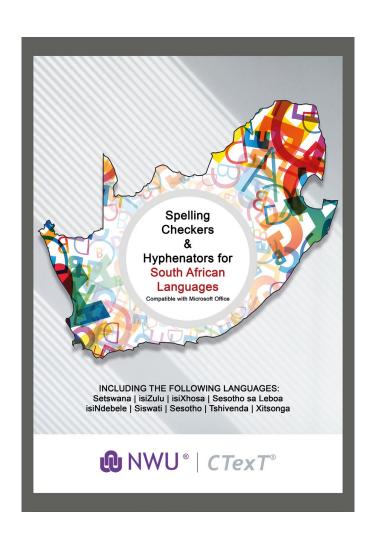


NCHLT Web Services

	Input	t options
	isiNdebele isiXhosa isiZulu Sesotho Sesotho sa Leboa Setswana	select technology put - t or upload files.
Clear	0	Upload File Process Process
	Input	t options
	Tshiven₫a ▼	Select technology Jim
		Tokeniser Sentence separator Phrase chunker Part of speech Named entity recogniser Language identifier Optical character recognition xt or upload files.
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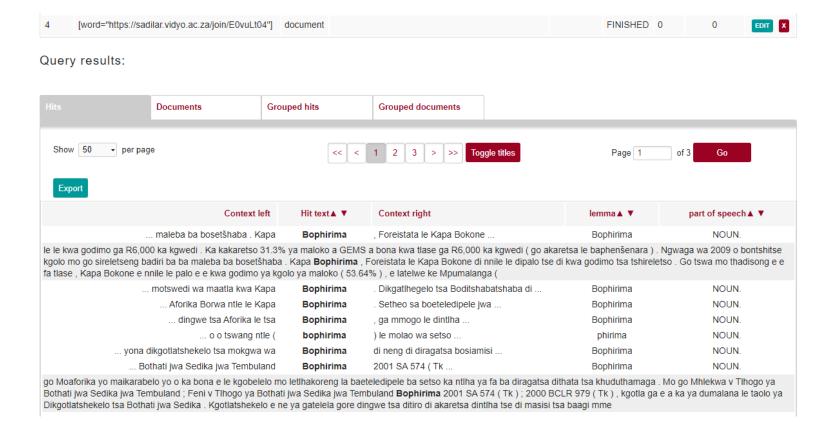


CTexT: Spelling checkers SA Languages





Corpus portal





Autshumato MT Web Service











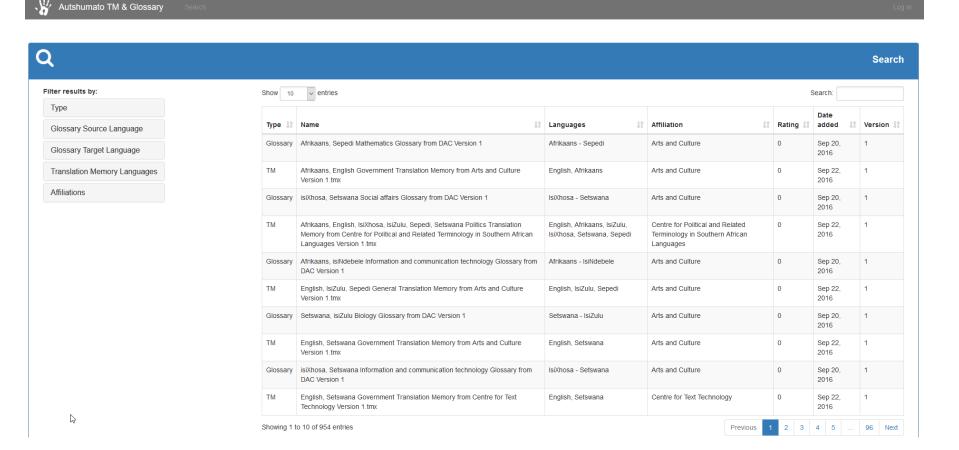


Autshumato MT Web Service Administration Sentence Document Web About Admin

Source text		
Target language		
Afrikaans: Afrikaans		Translate
Afrikaans: Afrikaans		
Xitsonga: Xitsonga		
Setswana: Setswana		
Setswana: Setswana		

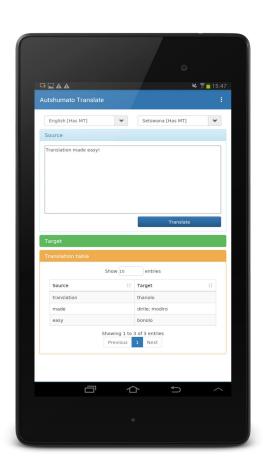


Autshumato TM & Glossary



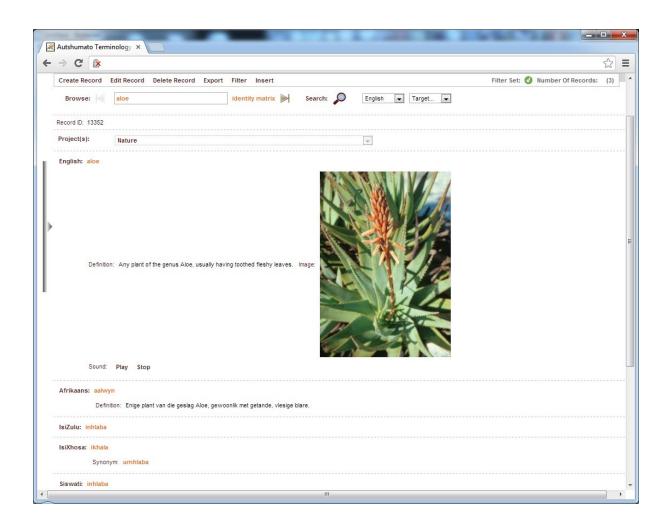


Autshumato Translate Mobile App





Terminology Management System





South African Centre for Digital Language Resources





SADiLaR's enabling function impacts at least three domains:



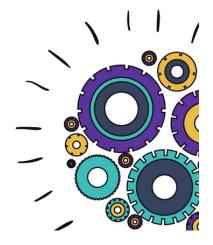
Language technology domain



Humanities and social sciences domain



Socio-economic domain





Common Language Resources and Technology Infrastructure

https://www.facebook.com/SouthAfricanCentreForDigitalLanguageResources/photos/



Language and identity



https://project-ttvwo-southafrica.jouwweb.nl/language

