









KIF

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KIF features

- Translatablity supports the translation to and from different K-reps
- Readability not a primary feature but it can be read by people
- Usability not a primary feature but it can be implemented computationally

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KIF conceptualisation

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- These objects occur in <u>all</u> KIF universes
- words KIF words are basic objects
- All complex numbers
- All finite sets of objects in the universe
- L pronounced "bottom" a special object used where no further meaning can be derived

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KIF semantics

- KIF is a formally defined language
- fairly complex semantics

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 Look at the KIF manual for a full definition (resources section of course website)

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The University of Auckland	Ontolingua – design method
	 Describe the general subject area of your ontology, including any simplifying assumptions you are making List what you would like to state in the ontology List the concepts that you think should be included in the ontology. Look for ontologies in the library that may contain terms which you can use to develop your ontology. Review and make modifications to your lists as needed throughout these steps.









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- Cyc is a commercial product
- The Upper-Cyc ontology is in the public domain
- ~5,000 terms are defined
- Represent the most common terms in the human perceptual universe
- Maps to CycL a 1st order predicate calculus

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