










chado

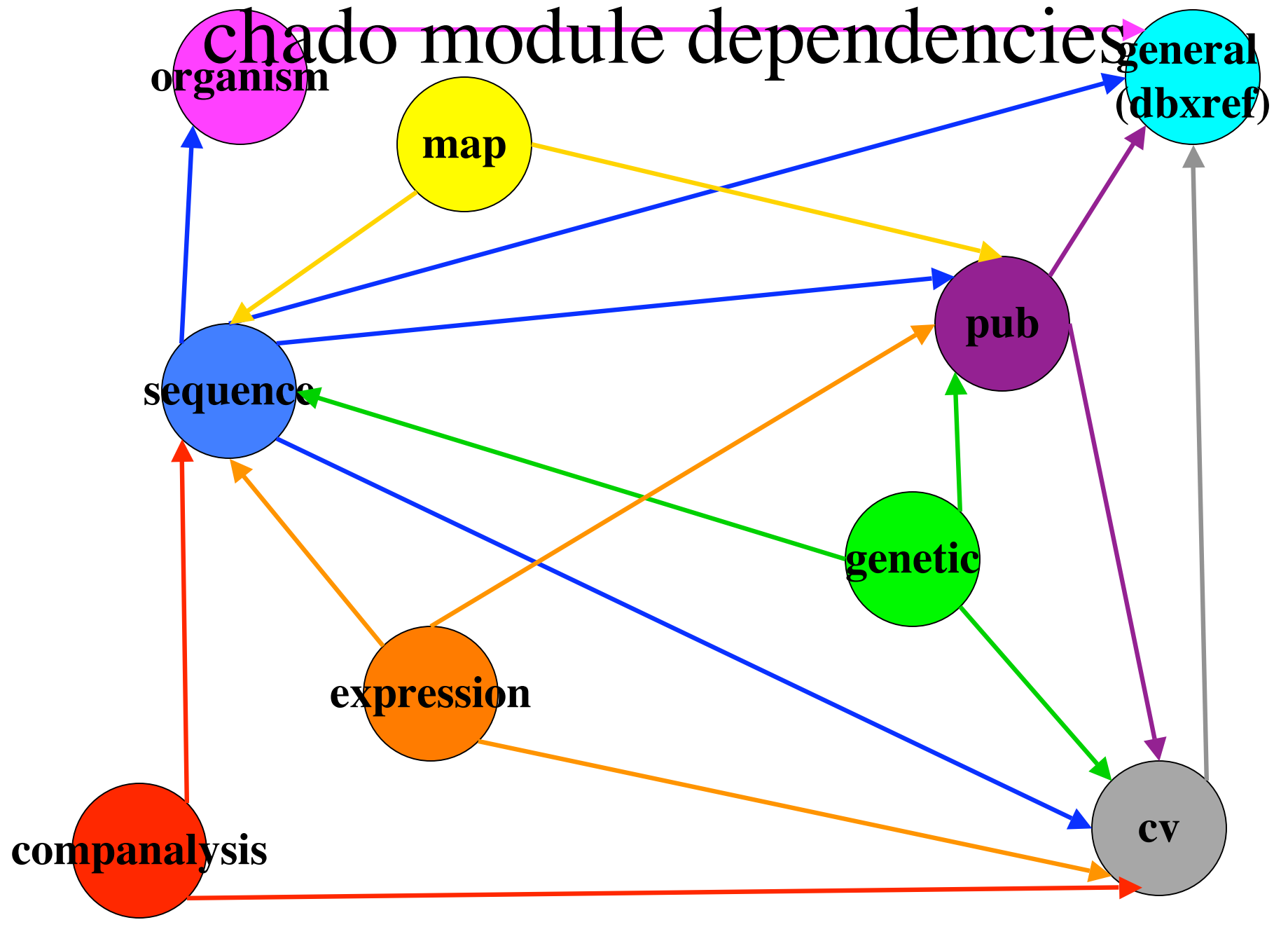
Generic model organism database schema

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Chado modules

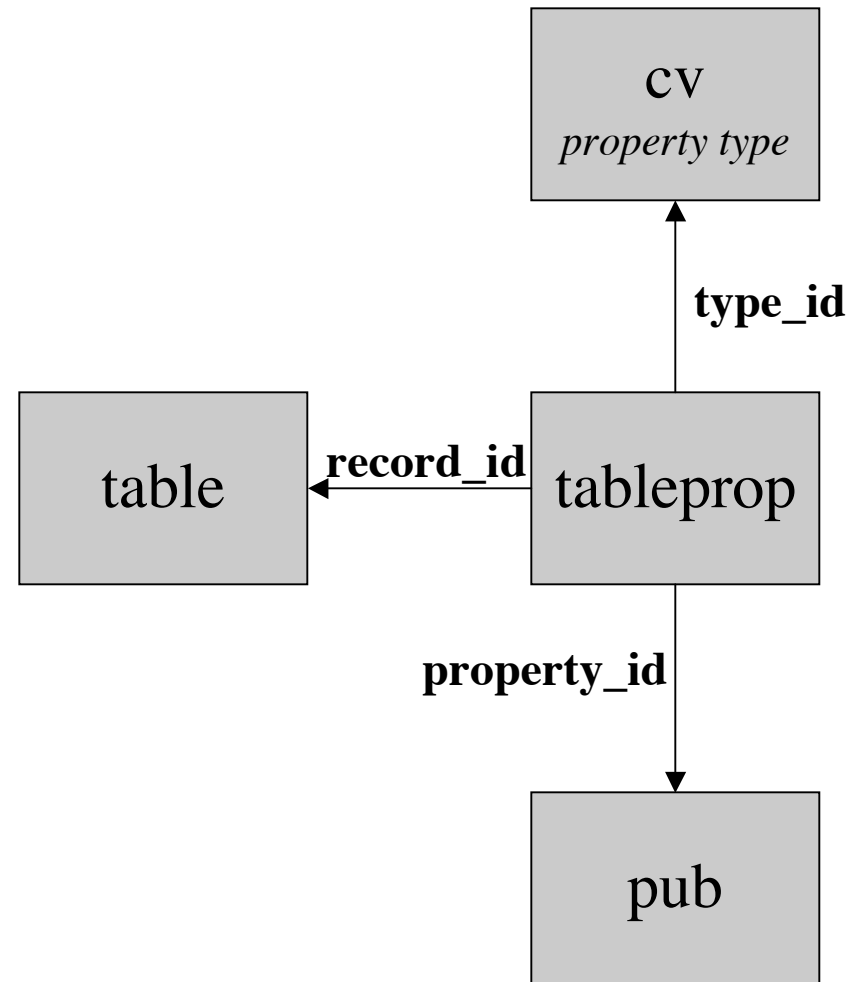
	Genetics Module	Genetic/phenotypic interactions in genotypic/environmental context
	Sequence Module	Biological sequences and objects which can be localized on them
	Map Module	Adjunct to sequence module for non-sequence localization
	Expression Module	Transcript and protein expression events
	Companalysis Module	Adjunct to sequence module for in-silico analysis
	CV Module	Controlled vocabularies and ontologies
	Organism Module	Taxonomy / species information
	Pub Module	Publication / Biblio / Reference information
	General Module	General information / database cross-references

chado module dependencies



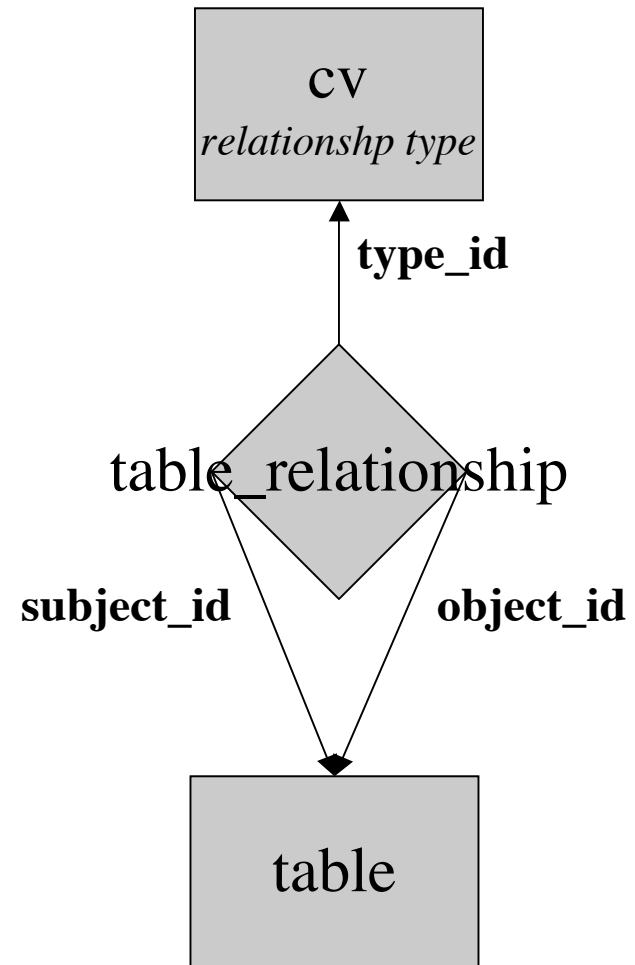
flexible property types

- push as many attributes as possible into property tables
- control property types with controlled vocabs
- link properties to publications



flexible relationship types

- using controlled vocabularies for relationship types makes customization and extension possible without altering the schema.



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 - GFF3 -> chado loader
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 - Many others...

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