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What is a Terminology Server?

- A tool that allows you to interact with structured terminology concepts to browse, view, navigate, and discover relationships
- Two key parts to a terminology server are a browser and an API
  - Browser lets you visualize the loaded content interactively
  - API enables programs to be written to resolve terminology content

Why choose WCI Terminology Server?

- Terminologies loaded via standard formats or custom loaders
  - Including RF2, ClaML, OWL, RRF, OMOP
  - We have successfully loaded all key standard healthcare terminologies
- Searching capabilities including:
  - Standard lexical or based on word vector embeddings
  - SNOMEDCT Expression Constraint Language (ECL) queries
  - Mappings can be easily browsed and searched
  - With filters such as "active only", "leaf node only", and more!
- Curate, maintain, and publish local changes to terminologies including:
  - Creating new concepts (including SNOMEDCT extension concepts)
  - Changing preferred names or adding synonyms
  - Editing mappings or subset definitions
- Affordable licensing model (starting at $500/mo, unlimited users)
- Accessible via a WCI-hosted solution or local (behind-the-firewall) deployments loaded with custom terminology sets

Features

- Data model supports:
  - Concepts (with attributes)
  - Terms (with attributes)
  - Semantic Types
  - Defining and non-defining Relationships

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- ○ Mappings
- ○ Subset/Refset/ValueSet membership
- ○ and more.
- Role-based functionality
- Customizable authentication/authorization
- Fully containerized (runs as a docker image)
- Complete API for accessing all functionality programmatically
- FHIR terminology APIs available
- Comprehensive admin, technical, and user documentation