## The Future of Protégé

Timothy Redmond Jennifer Vendetti Tania Tudorache

# Goals for Protégé

- Database inclusion
- Better Web Client
- Performance
- Memory Usage
- XML Backend
- More Robust OWL Implementation

- Better Code Documentation
- Relative Paths for Included Projects
- Server-Client Performance
- Server-Client Forms
- Protégé + NCBO Services



#### Immediate Plans

- Release Protégé 3.2 in September
- Protégé 3.3+ Beta development starts
  - Server-Client Performance Enhancements
  - Improved Server-Client Security
  - XML Backend
  - Names, Namespaces and Database Inclusion
  - Protégé Web Client Development (see Protégé 4…)

### Longer-Term Goals

- Long Term Continued Support and Development of Protégé 3.x
- Protégé 4 Frames
  - Evolution of Protégé 3 Frames
- Protégé 4 OWL
  - Based on Prototype work at University of Manchester
  - New Internal Ontology Engine
    - More Robust
    - Improved Scalability
  - Migration of Existing Plugins
  - Support Subset of Existing Protégé OWL interfaces
  - OWL 1.1



#### Protégé 4 Highlights

- Support for Services
  - Java-Centric Framework (OSGi)
  - Supports <u>SOA</u> (NCBO), CORBA, RMI
- Thin Client
- Research and Development Activities
  - Model Driven Architecture
  - Collaborative Ontology Development



### Feedback and Questions...