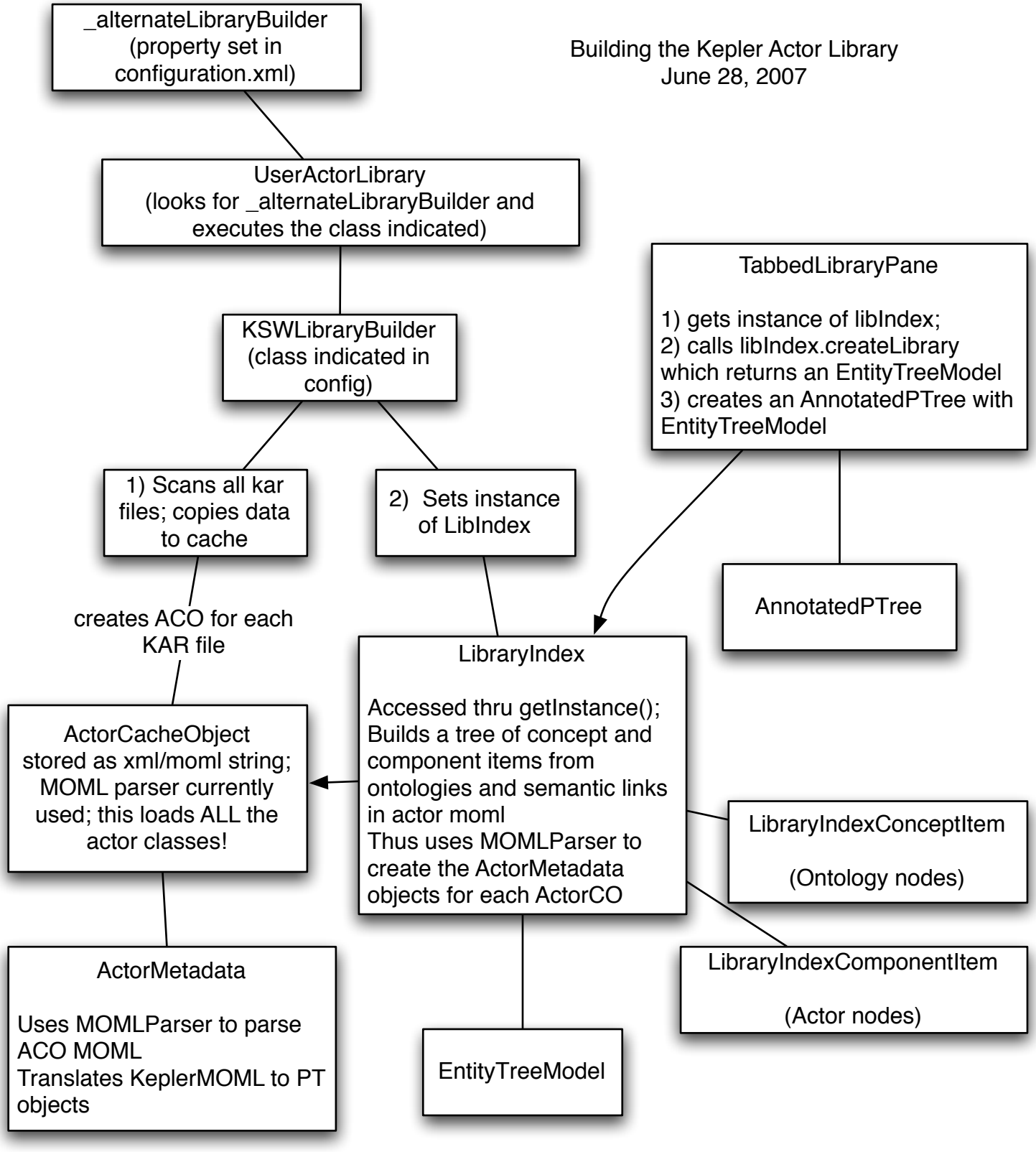
Building the Kepler Actor Library
June 28, 2007
_alternateLibraryBuilder (property set in configuration.xml)
UserActorLibrary (looks for _alternateLibraryBuilder and executes the class indicated)
KSWLibraryBuilder (class indicated in config)
1) Scans all kar files; copies data to cache
2) Sets instance of LibIndex
creates ACO for each KAR file
ActorCacheObject stored as xml/moml string; MOML parser currently used; this loads ALL the actor classes!
ActorMetadata
Uses MOMLParser to parse ACO MOML
Translates KeplerMOML to PT objects
LibraryIndex
Accessed thru getInstance();
Builds a tree of concept and component items from ontologies and semantic links in actor moml
Thus uses MOMLParser to create the ActorMetadata objects for each ActorCO
EntityTreeModel
TabbedLibraryPane
1) gets instance of libIndex;
2) calls libIndex.createLibrary which returns an EntityTreeModel
3) creates an AnnotatedPTree with EntityTreeModel
AnnotatedPTree
LibraryIndexConceptItem
(Ontology nodes)
LibraryIndexComponentItem
(Actor nodes)