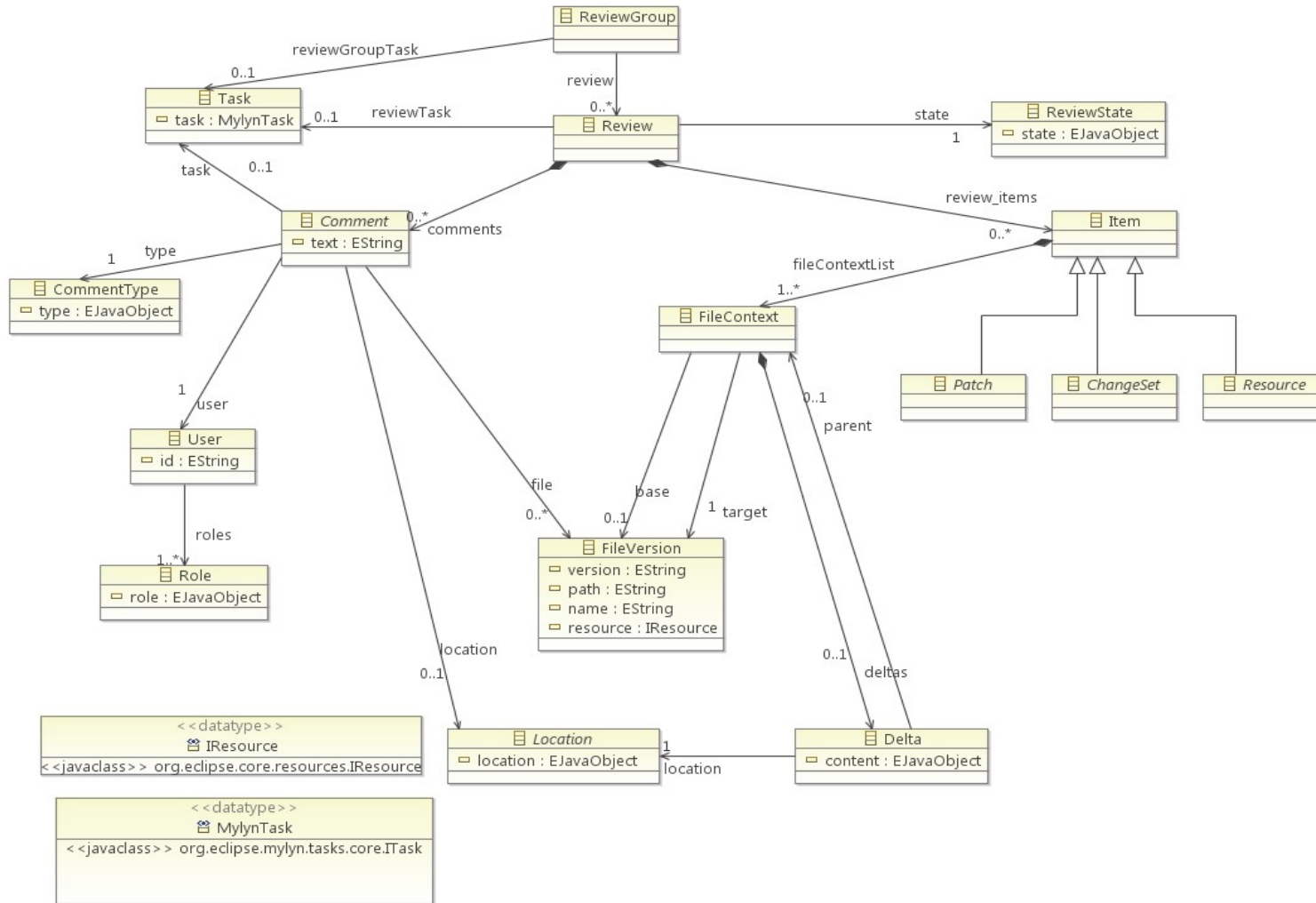


Mylyn Reviews Framework, core data model proposal (See explanations below)



Main Elements:

Task: This represents Mylyn Tasks

Review: Is the main element which represents review of Items, reviews can be stand alone or associated to a ReviewGroup, A review can be associated to a task

ReviewGroup: is an optional element that contains many reviews. It can be associated to a task

ReviewState: Is a class that represents the state of the review, the state itself is generic and should be extended to e.g. Enum, String, etc...

Item: Represents the elements to be reviewed. Items can be Patches, ChangeSets, Resources (e.g. whole file or parts of a file)

FileContext: The item under review contains FileContexts which references the files that were altered; therefore the file Context needs references to both the base version (before the change) and target version (after the changes).

FileVersion: Is a specific version of file which can exist within a version control system.

Delta: Represents a difference within a file context between a target file and a base line (typically there will be multiple Delta's per FileContext, there could be no baseline in cases where a whole resource is a review item).

Location: Represents a location (e.g. a line range) of a comment or modification (Delta) within the target file under review. The Location object is generic to cover for specializations to represent location of various types of input e.g. Diagrams, line ranges, etc...

Comment: Represents a review comment from a specific User

CommentType: Needs to be extended and represents the various comment types e.g. Defect, suggestion, etc...

User: A user participating in the review

Role: The generic role of the user e.g. Lead, Author, Reviewer, etc...