

## Design of Visual Repository, Constraint and Process Modeling Tool Based on Eclipse Plug-Ins

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**Abstract :** Master Data Management requires creation of Central repository, applying constraints on Repository and designing processes to manage data. Designing of Repository, constraints on repository and business processes is very tedious and time consuming task for large Enterprise. Hence Visual Repository, constraints and Process (Workflow) modeling is the most critical step in Master Data Management. In this paper, we realize a Visual Modeling tool for implementing Repositories, Constraints and Processes based on Eclipse Plugin using GMF/EMF which follows principles of Model Driven Engineering (MDE).

**Keywords :** EMF, GMF, GEF, repository, constraint, process

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