

Using EMF for Large Models

- UI refs to model
 - never ref directly a model use proxies
 - unset all references especially containments

- Saving resources memory consumption goes up
 - option for writing intermediate string data into a file buffer
 - id maps for fast object lookup

- Loading of complete model impossible, hundreds of developers working in parallel
 - divide model into pieces and introduce dependencies
 - containment proxies
 - EStore API, just structure in memory but not the data, data fetched on demand only
 - JCR Management component is also targeted to be a solution by connecting to a Java Content Repository where the model is stored

- Search on models for content management
 - integrate content repository into EMF, goal of JCR Management component
 - use indexes

- Lazy loading of one large file
 - containment proxies and customize SAX parser implementation
 - don't accept bad document design