

Example 1

- Create a program that prints out names and descriptions of all targets of a given Ant's build.xml file
 - a) use DOM from JDK
 - b) use JDOM
<http://jdom.org/>
 - try to compare speed of the both implementations

Example 2

- Create a library for a simple object database
- Data are stored to the XML files with a structure “following classes” of the stored objects

```
class Data {  
    private String name;  
    private int id;  
}
```

```
DB db = new DB("directory");  
Data d1 = new Data("Petr", 42);  
Data d2 = new Data("Karel", 13);  
db.store(d1);  
List<Data> results = db.load(Data.class);  
List<Data> results = db.load(Data.class,  
                             "name=Petr", "id=42");
```

Data.db

```
<Data-db>  
  <Data>  
    <name value="Petr"/>  
    <id value="42"/>  
  </Data>  
<Data>...
```

Example 2

- An issue of the previous example
 - how to recognize an object during update
 - a “key” is needed

```
class Data {  
    @Key  
    private String name;  
    private int id;  
}
```



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