

library3simple.ecore

```
import ecore : 'http://www.eclipse.org/emf/2002/Ecore#/' ;
```

```
package library3Simplified : Library3s = 'http://platform:/plugin/library3.xsdsimplified'
```

```
{
  class Book
  {
    attribute name : String[1] { id };
    attribute title : String[1];
    attribute author : String[1];
    attribute pages : ecore::EInt[1];
    attribute dimension : String[1];
    attribute isbn : String[1];
    invariant maxLengthAuthor: self.author.size() <= 32;
    invariant
    patternDimension: self.dimension.matches('[0-9]+([.][0-9]+)? x [0-9]+([.][0-9]+)? x [0-9]+([.][0-9]+)? (centimeters|cm|in|inches)');
    invariant patternIsbn: self.isbn.matches('[0-9]{3}-[0-9]{2}-[0-9]{4}-[0-9]{3}-[0-9]');
  }
  class Customer
  {
    attribute firstName : String[1];
    attribute lastName : String[1];
    attribute borrowedBookId : String[1];
    attribute borrowedBookSince : String[1];
    property book : Book[?];
  }
  class Library
  {
    property books : Book[*] { ordered composes };
    property customers : Customer[*] { ordered composes };
  }
}
```