Now that I've Got a Model
Where's My Application?

EclipseCon Europe 2012
25.10.2012, Ludwigsburg
Now I've got a model!

But where's my application?
User Interface

Storage Layer
interface Resource.Factory
{
    Resource createResource(URI uri);
}
User Interface

Resource

Resource Set

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User Interface

Resource Set
User Interface

Resource Set

Resource

Resource
Issues

- URIs are quite general / need central setup
- No overall dirty state
- No commit / rollback (ACID)
- No lifecycle / missing dispose()
## Data Volumes

<table>
<thead>
<tr>
<th>Type</th>
<th>Instances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classifications</td>
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<tr>
<td>Products</td>
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<tr>
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</tr>
<tr>
<td>Versions</td>
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</tr>
<tr>
<td>Myzillas</td>
<td>27259</td>
</tr>
<tr>
<td>Comments</td>
<td>35799</td>
</tr>
<tr>
<td><strong>Total Objects</strong></td>
<td><strong>64707</strong></td>
</tr>
</tbody>
</table>
User Interface

Storage Layer
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EMF Application

Load

Model Repository

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EMF Application

Model Repository

Auditing

Branching
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| CDOResision | CDOID resourceID
| CDOID containerID
| CDOID containerFeature
| Object[] values

| EClass | eClass |
| CDOID | id |
| CDOBranch | branch |
| int | version |
| long | created |
| long | revised |
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BookImpl

String title
int pages
Category category
Writer author

Root Extends Class

1
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