In the following excerpt of a JSF page was taken from a real-life case. The sections in red are actual hits to the database using HotRod 1.0.

HotRod makes it easier to use FKs to retrieve all related information of a VO, but this practice produces so many SQL hits to the database, that the page is slow to load. The example below is run with 25 forms. so it executes 151 SQL queries (1 + 25 \* 6) just to load the page.

Again, this is EASY and FAST to code, but it's slow at runtime.

The implementation of collections and associations would make these a breeze. It will make it easy to code AND fast at runtime.

<table class=*"dataTable"* id=*"formsList"*>

<thead>

<tr>

<th scope=*"col"* class=*"name"*>Form Type</th>

<th scope=*"col"* class=*"name"*>Last Cleaned</th>

<th scope=*"col"* class=*"name"*>Last Cleaned by</th>

<th scope=*"col"* class=*"name"*>Status</th>

<th scope=*"col"* class=*"name"*>State</th>

<th scope=*"col"* class=*"name"*>Manager</th>

<th scope=*"col"* class=*"name"*>Guest</th>

<th scope=*"col"* class=*"name"*>Company</th>

<th scope=*"col"* class=*"name"*>Sales Person</th>

<th scope=*"col"* class=*"name"*>Damages</th>

<th scope=*"col"* class=*"name"*>Comments</th>

</tr>

</thead>

<tbody>

<ui:repeat var=*"f"* value=*"****#{housekeepingFormBean.forms}****"* id=*"forms"*>

<ui:fragment rendered=*"#{f.isHousekeepingForm}"*>

<tr onclick=*"clickFormRow('#{f.formId}');"* class=*"form-row-#{f.formId}"*>

<td class=*"name"*>#{f.formType}</td>

<td class=*"name"*>

<h:outputText value=*"#{f.completedOn}"*>

<f:convertDateTime pattern=*"yyyy/MM/dd HH:mm"* />

</h:outputText>

</td>

<td class=*"name"*>#{f.primaryHousekeeperName}</td>

<td class=*"name"*>#{f.status}</td>

<td class=*"name"*>#{f.state}</td>

<td class=*"name"*>**#{f.manager}**</td>

<td class=*"name"*>**#{f.guest}**</td>

<td class=*"name"*>**#{f.company}**</td>

<td class=*"name"*>**#{f.salesperson}**</td>

<td>

<ui:repeat var=*"fd"* value=*"****#{f.formDamages}****"* id=*"formDamages"*>

<ui:fragment rendered=*"#{fd.damageFoundId}"*>

<span title=*"#{fd.damageName}"*>

<i class=*"#{fd.damageIcon}"*></i>

</span>

</ui:fragment>

</ui:repeat>

</td>

<td>

<ui:repeat var=*"fc"* value=*"****#{f.formComments}****"* id=*"formComments"*>

<span title=*"#{fc.commentsText}"*>

<i class=*"fa fa-comment-o"*></i>

</span>

</ui:repeat>

</td>

</tr>

</ui:fragment>

</ui:repeat>

</tbody>

</table>