

Read Only Checkboxes

How do you make read only checkboxes when it's not a Rollbase feature?

Out of the box, Rollbase does not permit the UI element for a checkbox, or the underlying field to be read only. For our application, however, we have a use case where we need to make that happen. In this application, we want to track that the proper paperwork (all of it) has been properly received and attached to the Job using the Project Document table. There are 7 minimum documents that must be attached before a job can “go live”.

Required Paperwork			
Signed Proposal	<input checked="" type="checkbox"/>	Job Information	<input checked="" type="checkbox"/>
Site Plan	<input type="checkbox"/>	Product Diagram	<input type="checkbox"/>
Directions	<input type="checkbox"/>	Notice to Owner	<input checked="" type="checkbox"/>
		Map	<input type="checkbox"/>

Since we can't make a checkbox read only, how do we prevent the user from cheating the system and simply editing the record and “checking” each box, thus allowing a trigger to change the workflow status?

The background functionality works like this. A trigger on the Project Document object fires “On Create”. It checks the document type and updates the appropriate checkbox in the related job. Meanwhile, a trigger on the job evaluates all change events, and once all 7 required documents have been met, the change workflow status trigger will finally fire. Since we control the value of the checkboxes in code, you can clearly see why we want them to be read only.

The solution is actually quite simple, instead of placing the field on the user interface, we use an HTML Component (we actually used 3 in 3 columns).

Required Paperwork			
Signed Proposal	{!signed_proposal_received} Edit Del	Job Information	{!job_info_received} Edit Del
Site Plan	{!site_plan}	Product Diagram	{!product_diagram}
Directions	{!directions}	Notice to Owner	{!notice_to_owner} Edit Del
		Map	{!map}

Inside each HTML component is a simple table.

Even though we are using the standard field tokens, Rollbase will properly render them in the UI as desired.

```
HTML Source Editor
Word Wrap

<table>
<tbody>
<tr>
<td width="130">Signed Proposal</td>
<td>{!signed_proposal_received}</td>
</tr>
<tr>
<td width="130">Site Plan</td>
<td>{!site_plan}</td>
</tr>
<tr>
<td width="130">Directions</td>
<td>{!directions}</td>
</tr>
</tbody>
</table>

Update Cancel
```