# **[Rendering other form by ajax causes its view state to be lost, how do I add this back?](http://stackoverflow.com/questions/7807334/rendering-other-form-by-ajax-causes-its-view-state-to-be-lost-how-do-i-add-this)**

Link: http://stackoverflow.com/questions/7807334/rendering-other-form-by-ajax-causes-its-view-state-to-be-lost-how-do-i-add-this

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | I have  <h:form>  <h:commandLink action="#{my\_fake\_ajax\_link}">  <h:outputText value="Link" />  <f:ajax render=":mydiv" />  </h:commandLink>  </h:form>  <h:panelGroup layout="block" id="mydiv">  <h:form>  <h:commandLink action="#{mybean.delete(0)}">  <h:outputText value="Here" />  <f:ajax render="@form" />  </h:commandLink>  </h:form>  </h:panelGroup>  When I click once on "my\_fake\_ajax\_link", then I have to click twice on "delete" link. This is only an example. I don't have this real case. I have multiple forms on a page and I can't just add all of them in a single form.  I checked what the problem is and it is:   * When you click on "my\_fake\_ajax\_link", the mydiv refreshs with ajax as it should. * ViewState of the refreshed form on ajax is missing.   How can I add the ViewState? How can I make it work without using only one form? This looks like an JSF bug to me. I don't want to refresh that div automatically with  jQuery("#mydiv").load(document.location.href);  but I will in my worst case possible.  [ajax](http://stackoverflow.com/questions/tagged/ajax) [forms](http://stackoverflow.com/questions/tagged/forms" \o ") [jsf](http://stackoverflow.com/questions/tagged/jsf" \o "show questions tagged 'jsf') [jsf-2](http://stackoverflow.com/questions/tagged/jsf-2) [viewstate](http://stackoverflow.com/questions/tagged/viewstate" \o ")   |  |  |  | | --- | --- | --- | |  |  |  | |
|  | add a comment |

2 Answers

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | This is a known problem in the auto-included jsf.js library of JSF which handles ajax responses. See also [JSF spec issue 790](http://java.net/jira/browse/JAVASERVERFACES_SPEC_PUBLIC-790) which is fixed in the upcoming JSF 2.3. In the meanwhile, with JSF 2.0/2.1/2.2, you have to explicitly specify the ID of the other <h:form> inside the render attribtue to trigger proper addition of the view state.  <h:form>  <h:commandLink action="#{my\_fake\_ajax\_link}">  <h:outputText value="Link" />  <f:ajax render=":mydiv :mydivForm" />  </h:commandLink>  </h:form>  <h:panelGroup layout="block" id="mydiv">  <h:form id="mydivForm">  <h:commandLink action="#{mybean.delete(0)}">  <h:outputText value="Here" />  <f:ajax render="@form" />  </h:commandLink>  </h:form>  </h:panelGroup>  No, this does not cause any overhead or markup duplication in the ajax response. Alternatively, use [OmniFaces fixviewstate.js](http://showcase.omnifaces.org/scripts/FixViewState).  See also:   * [Communication in JSF 2.0 - Ajax rendering of content which contains another form](http://balusc.blogspot.com/2011/09/communication-in-jsf-20.html#AjaxRenderingOfContentWhichContainsAnotherForm) * [h:commandButton/h:commandLink does not work on first click, works only on second click](http://stackoverflow.com/questions/11408130/hcommandbutton-hcommandlink-does-not-work-on-first-click-works-only-on-second)  |  |  |  | | --- | --- | --- | | [share](http://stackoverflow.com/a/7807401/7374910)[edit](http://stackoverflow.com/posts/7807401/edit) | [edited Nov 23 '16 at 8:18](http://stackoverflow.com/posts/7807401/revisions) | answered Oct 18 '11 at 12:44  [BalusC](http://stackoverflow.com/users/157882/balusc)  **727k**23726872863 | |
|  | |  |  |  |  | | --- | --- | --- | --- | | |  |  | | --- | --- | | 2 |  | | thank you a lot!!! I didn't find that link on google.. even after a long search... – [Alex](http://stackoverflow.com/users/969812/alex) [Oct 18 '11 at 12:58](http://stackoverflow.com/questions/7807334/rendering-other-form-by-ajax-causes-its-view-state-to-be-lost-how-do-i-add-this" \l "comment9512789_7807401) | | |  |  | | --- | --- | |  |  | | You're welcome. – [BalusC](http://stackoverflow.com/users/157882/balusc" \o "726,557 reputation) [Oct 18 '11 at 13:02](http://stackoverflow.com/questions/7807334/rendering-other-form-by-ajax-causes-its-view-state-to-be-lost-how-do-i-add-this" \l "comment9512865_7807401) | | |  |  | | --- | --- | |  |  | | It's a shame this hasn't made its way into JSF 2.2. Let's wait another year or two for having it fixed... – [static-max](http://stackoverflow.com/users/1826399/static-max" \o "307 reputation) [Aug 19 '13 at 8:19](http://stackoverflow.com/questions/7807334/rendering-other-form-by-ajax-causes-its-view-state-to-be-lost-how-do-i-add-this" \l "comment26866409_7807401) | | |  |  | | --- | --- | |  |  | | @mel: OmniFaces to the rescue: [showcase.omnifaces.org/scripts/FixViewState](http://showcase.omnifaces.org/scripts/FixViewState) – [BalusC](http://stackoverflow.com/users/157882/balusc" \o "726,557 reputation) [Aug 15 '14 at 6:00](http://stackoverflow.com/questions/7807334/rendering-other-form-by-ajax-causes-its-view-state-to-be-lost-how-do-i-add-this" \l "comment39472218_7807401) | | |  |  | | --- | --- | |  |  | | Thanks! Really solved a problem here. – [dstibbe](http://stackoverflow.com/users/119151/dstibbe" \o "732 reputation) [Jan 6 '16 at 12:42](http://stackoverflow.com/questions/7807334/rendering-other-form-by-ajax-causes-its-view-state-to-be-lost-how-do-i-add-this#comment57011720_7807401) |   add a comment |

|  |  |
| --- | --- |
|  | Workaround for that:  First you need to set an onevent handler for the button that sends the ajax request:  <h:form id="newComment">  <h:commandButton id="saveNewComment" action="#{postBean.actionSaveNewCommentAjax}" value="#{rb['speichern']}">  <f:ajax execute="@form" render=":commentsBox" onevent="function(data) { fixOtherFormsViewState(data, 'newComment') }" />  </h:commandButton>  </h:form>  Then you need to declare this javascript methods that will take the correct viewState value and add it to all forms which doesn't have it:  <h:outputScript>  function fixOtherFormsViewState(data, goodFormId) {  if (data.status != "success") {  return;  }  var viewState = jQuery("#" + goodFormId + " input[name='javax.faces.ViewState']").val();  jQuery("form:not(:contains(input[name='javax.faces.ViewState']))").each(function (idx, elem) {  var form = jQuery(elem);  var input = jQuery("&lt;input type='hidden' name='javax.faces.ViewState' /&gt;").val(viewState);  form.append(input);  });  }  </h:outputScript> |