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The Alloy UI Forms are a great tool to help developers build very nice forms really fast. Alloy is included in Liferay v6.0+.

These are some of the advantages of using these forms:

I. Attributes

- Nice styling of the forms for a better usability
- Unified styling: all the forms look the same and are controlled in one place
- Dynamic Attributes: any attribute that can be used for an html tag can also be used for an aui tag. For example, you can use onClick, onChange, onSubmit, title... in any aui:form, aui:select, aui:input and it will work the same as if you use it an a plain form, select or input.

Tags

These are the tags that can be used in aui forms and some of their attributes. They all support dynamic attributes, which means that you can add any additional attribute and it will be used. For example, if you add the attribute on Focus to a aui:button, the <button> will have this on Focus attribute.

Form

Attributes

- action: The same action as in the html form tag, but the url is automatically escaped (and encoded...etc). If you don't want the action url to be automatically escaped, you should set escapedXml to false.
- escapeXml: True by default. Set it to false if you don't want the action url of your form to be automatically escaped. Note: Does not work in current alloy 0.1a
- cssClass: custom classes for additional styling (the attribute class will be ignored)
- inlineLabel: set this attribute to true if you want all your labels in the form to be inline with the form fields name: the name of the form

Example

```
<aui:form action="<%= editEntryURL %>" method="post" name="fm"
onSubmit='<%= renderResponse.getNamespace() + "saveEntry(false); return false;"
%>'>
```

Fieldset

You should have all your fields grouped at least under one fieldset. It is a good practice to separate different areas with different fieldsets.

Attributes

- cssClass: custom classes for additional styling (the attribute class will be ignored)
- **column**: set this attribute to true if you want this fieldset to be displayed as a column instead of as a row. (this allows you to have a form with several columns)
- title: text which describes the group of elements inside the fieldset. (It creates the legend for the fieldset)

Example

```
<aui:fieldset column="true">
```

Button

Attributes

- cssClass: custom classes for additional styling (the attribute class will be ignored)
- disabled. Set this to true to disable clicking on the button.
- **first**: set this to true if this is the first element in the form (for css styling)
- last: set this to true if this is the last element in the form (for css styling)
- type: by default the type is button, but it can be set to submit, cancel or image.
- name: It will be used for the id of the button.
- value: The message that the button will display. If empty, it will be save for submit type buttons and cancel for cancel type buttons.
- **onClick**: javascript code to be executed when clicking on the button. If this attribute starts with http://, the button will take you to that page when the user clicks on it.

Example

```
<aui:button name="cancelButton" type="button" value="cancel" last="true" />
```

Button Row

Attributes

• cssClass: custom classes for additional styling (the attribute class will be ignored)

Example

Model Context

Used to set an object that will be accessed from fields in the form.

Attributes

- bean: The object that will be accessed
- model: The class of the bean. Class model hints are saved in portal-model-hint.xml located in the META-INF.

Example

```
<aui:model-context bean="<%= entry %>" model="<%= BlogsEntry.class %>" />
```

Input

Attributes

- cssClass: custom classes for additional styling (the attribute class will be ignored)
- disabled. Set this to true to disable the input field.
- first: set this to true if this is the first element in the form (for css styling)
- last: set this to true if this is the last element in the form (for css styling)
- helpMessage: message to display when the user hovers a question mark icon next to the field label
- name: name of the field
- id: id of the field. (If empty, it will be the same as the name)
- **label**: Label to display (automatically translated). If this attribute is used and the value is an empty String, then no label will be shown. If the attribute is not used, the label is obtained from the name (automaticalle formatted from ThisIsAName to this-is-a-name).
- inlineField: set this to true if you want this field to be inline with the next element
- inlineLabel: set this to left if you want this field to be inline with the label and the label at the left of the input or right if you want the field to be inline with the label but at the right of the input.
- checked: Set this to true if your element must be checked by default (only enabled when type=radio)
- type: the type of input element. These are some of the values that type could have:
 - text
 - hidden When the type is hidden, the value is automatically escaped.
 - o textarea Will display a multiline input field

- password
- o checkbox
- assetCategories to for display categories (see liferay-ui:asset-categories-selector)
- assetTags Used to display tags (see liferay-ui:asset-tags-selector)
- timeZone Used to display the time zones (see liferay-ui:input-time-zone)
- empty Leave the type empty if you want it to be automatically obtained from the bean and the field. If you set a type, then the value won't be obtained from the bean.
- **suffix**: Message to display at the right of the input field.
- prefix: Message to display at the left of the input field

The field can be prepopulated accessing an object set withe the model Context tag or with these attributes (the type attribute must be blank and it will be automatically obtained later from the bean). The field of the bean accessed will be the name attribute.

- bean: An object that will be accessed to the get value for this element
- model: The class of the bean object

Example

```
<aui:model-context bean="<%= entry %>" model="<%= BlogsEntry.class %>" />
<aui:input name="title" />
<aui:input name="displayDate" value="<%= displayDate %>" />
<aui:input name="tags" type="assetTags" />
```

Examples about the label attribute

```
<aui:input name="titleNormal" />
In this situation the label will be title-normal

<aui:input name="titleNormal" label="another-title" />
In this situation the label will be another-title

<aui:input name="titleNormal" label="" />
In this situation there won't be label
```

Select

Attributes

- **bean**: An object that will be accessed. (Only valid when using listType)
- **listType**: The name of the ListType (can be obtained from ListTypeImpl.java). Using this attribute will automatically generate all the options and mark the option from the bean as selected (the bean can be obtained from the model context)
- showEmptyOption. Displays an empty option as the first option of the select.
- disabled. Set this to true to disable the selector.
- cssClass: custom classes for additional styling (the attribute class will be ignored)
- **first**: set this to true if this is the first element in the form (for css styling)
- last: set this to true if this is the last element in the form (for css styling)
- helpMessage: message to display when the user hovers a question mark icon next to the field label
- name: name of the field

- id: id of the field. (If empty, it will be the same as the name)
- label: Label to display (automatically translated). If this attribute is used and the value is an empty String, then no label will be shown. If the attribute is not used, the label is obtained from the name (automaticalle formatted from ThisIsAName to this-is-a-name).
- inlineField: set this to true if you want this field to be inline with the next element
- inlineLabel: set this to left if you want this field to be inline with the label and the label at the left of the selector or right if you want the field to be inline with the label but at the right of the selector.
- **suffix**: Message to display at the right of the selector.

Example

Option

Attributes

- cssClass: custom classes for additional styling (the attribute class will be ignored)
- label: The label to show for the option (automatically translated).
- value: The value of the option. If this field is empty, then, the label will be used as the value too.
- **selected**: set this to true if this option should appear as selected in the select form.

Example

Link (a)

Attributes

- cssClass: custom classes for additional styling (the attribute class will be ignored)
- **href**: the url of the link
- label: the content of the <a> element (automatically translated).

Example

label="liferay" target="blank" />

Field Wrapper

Used to wrap any other element in a form (radio elements, custom elements...)

Attributes

- cssClass: custom classes for additional styling (the attribute class will be ignored)
- first: set this to true if this is the first element in the form (for css styling)
- last: set this to true if this is the last element in the form (for css styling)
- helpMessage: message to display when the user hovers a question mark icon next to the field label
- name: name of the field
- **label**: Label to display (automatically translated). If this attribute is used and the value is an empty String, then no label will be shown. If the attribute is not used, the label is obtained from the name (automaticalle formatted from ThisIsAName to this-is-a-name).
- inlineField: set this to true if you want this field to be inline with the next element
- inlineLabel: set this to left if you want this field to be inline with the label and the label at the left of the field or right if you want the field to be inline with the label but at the right of the field.

Example

Legend

The legend element is created using the attribute title in aui:fieldset.

Layout

Used to wrap columns (avoiding tables)

Attributes

• cssClass: custom classes for additional styling (the attribute class will be ignored)

Column

Used to create columns without using tables

Attributes

- columnWidth: This will be the width of the column. It must be a percentage value. Valid values: 10, 15, 20, 25, 28, 30, 33, 35, 40, 45, 50, 55, 60, 62, 65, 66, 70, 75, 80, 85, 90, 95
- cssClass: custom classes for additional styling (the attribute class will be ignored)
- first: set this to true if this is the first element in the form (for css styling)
- last: set this to true if this is the last element in the form (for css styling)

Example

Other Examples

Textarea

Textarea elements can be done using aui:input

Example

```
<aui:input type="textarea" name="comments" />
```

Radio

The radio element can be done using aui:field-wrapper and aui:input

Example

More

Alloy UI Forms is a set of taglibs build on top of the Alloy UI JavaScript+CSS framework. For more information about the framework visit: http://alloy.liferay.com

```
O Attachments 227542 Views
```



Comments

Threaded Replies	Author	Date
- Very good feature. Thanks.	<u>Jonas Yuan</u>	August 5, 2009 6:30 AM
Muito bom Julito!	Eduardo Lundgren	August 7, 2009 9:47 AM

<u>Is there a project page for Alloy UI? A</u>	Marcelo Ruiz Camauër	October 13, 2009 6:40 AM
There is the site http://www.alloyui.com	Blake Von Haden	<u>December 4, 2009 6:24 AM</u>
<u>but</u>		
- Source code can be found from	Sampsa Sohlman	<u>December 14, 2009 4:37 AM</u>
yep, indeed guys why the site is non functional:D	Oleg Derid	<u>February 12, 2010 1:05 PM</u>
Very informative! Thanks for sharing	Bavithra Rajendran	November 18, 2009 3:48 AM
Looks like liferay is going to use this aui	<u>Faisal K</u>	February 15, 2010 10:14 AM
really very good features	<u>Jignesh Vachhani</u>	<u>February 18, 2010 11:08 AM</u>
I have a couple of questions about Alloy UI 1)	Peter Monroe	<u>February 18, 2010 11:29 AM</u>
I think biggest problem of Alloy - totally	Alexey Kakunin	May 29, 2010 7:47 AM
in I think the same, I have to include jQuery	<u>Diego Andres Garcia</u>	March 30, 2011 12:20 PM
very good features, like it.	Wasim Shaikh	<u>February 18, 2010 10:31 PM</u>
Very good feature	Babu Janarthanan Ramachandran	March 2, 2010 1:06 AM
Really good job! I've been using it on trunk	Jeremy Unruh	March 16, 2010 9:55 AM
in Is there a bug tracker for Alloy? The escapeXml	Sven Ehlert	March 17, 2010 10:16 AM
Really cool feature. Liked it It gives	<u>Tejas Kanani</u>	March 26, 2010 1:24 AM
<u>Did you know? </u>		

Hello! Please bare with me since I'm new to	<u>Le Ca</u>	November 23, 2011 2:23 AM
- I'm looking for concrete examples of using	Robert Hall	<u>January 11, 2012 9:58 AM</u>
<u>the</u>		
Hi Allmaybe this is stupid question hi	<u>Danial Mustofa Habibi</u>	January 21, 2012 11:46 PM
<u>Very Nice</u>	<u>Pulla Reddy</u>	February 22, 2012 5:43 AM
Do one thing favour for me. How can i add a	Pulla Reddy	February 22, 2012 5:44 AM
Very good information. Thanks for it.	Ashish Renapurkar	March 2, 2012 9:48 PM
Good InformationThanks Alloy UIwith	<u>DarshanKumar N Bhatia</u>	June 4, 2012 11:54 PM
I had designed a form by alloy ui in view.jsp	<u>rojan tariq</u>	October 6, 2012 11:36 PM
I tried above code for select and option and	<u>Vaibhav Mittal</u>	April 23, 2013 9:00 AM
in thanks	Babu Reddy K V	August 17, 2013 2:18 AM



Jonas Yuan

Very good feature. Thanks.

Sign in to vote.

Posted on 8/5/09 6:30 AM.



Muito bom Julito!

Sign in to vote.

Posted on 8/7/09 9:47 AM.



Marcelo Ruiz Camauër

Is there a project page for Alloy UI? A description of it?

Sign in to vote.

Posted on 10/13/09 6:40 AM.



Bavithra Rajendran

Very informative! Thanks for sharing

Sign in to vote.

Posted on 11/18/09 3:48 AM.



There is the site http://www.alloyui.com but it's links for the About, FAQ, and Download are broken. Where do you find the downloads for the AlloyUI?



Sohlman

Source code can be found from

http://svn.liferay.com/repos/public/alloy/trunk/

Sign in to vote.

Sign in to vote.

Posted on 12/14/09 4:37 AM in reply to Blake Von Haden.



yep, indeed guys why the site is non functional 😄

Posted on 2/12/10 1:05 PM in reply to Blake Von Haden.



Looks like liferay is going to use this aui tags in all the portlet, what do you think it will be part of 5.3 or later,

What about Liferay's old liferay-ui tags.

any way wonderful job. Many cheers for Alloy Team.

Sign in to vote.

Posted on 2/15/10 10:14 AM.



really very good features

Sign in to vote.

Posted on 2/18/10 11:08 AM.



Monroe

I have a couple of questions about Alloy UI

- 1) What does IceFaces do that Alloy UI cannot?
- 2) What is the learning curve for Alloy UI?
- 3) What are the disadvantages of adopting Alloy UI?

Sign in to vote.

Posted on 2/18/10 11:29 AM.



very good features, like it.



Very good feature....

Babu Sign in to vote.

Janarthanan

<u>Ramachandr</u>

<u>an</u>

Posted on 3/2/10 1:06 AM.



Really good job! I've been using it on trunk. I have a couple questions/bugs which I didn't see a forum thread for alloy for.

When extending the create_account jsp the following is happening using the aui tags with the extra fields.

- 1. When submit is clicked the new fields are not keeping the value if there is an error. The backing bean is getting the value fine but the fields are cleared. I tried using the model context and standard.
- 2. How do I do advance linkage between AUI form components. For example, toggling a checkbox will hide some form elements?
- 3. When adding more than 1 checkboxs to the same fieldset with or without different names, the first checkbox is checked others are not checked. If I set checked=false on each one the first one still is checked on load.

Sign in to vote.

Posted on 3/16/10 9:55 AM.



Sven Ehlert

Is there a bug tracker for Alloy? The escapeXml parameter in the "aui:form" tag doesn't seem to work, at least not when using "<portlet:actionUrl/>" as an "action" parameter.

Sign in to vote.

Posted on 3/17/10 10:16 AM.



Tejas Kanani

Really cool feature. Liked it... It gives liferay a jazzy UI.

Sign in to vote.

Posted on 3/26/10 1:24 AM.



Alexey Kakunin I think biggest problem of Alloy - totally missed documentation - I did not found anything except this wiki - for example, how to handle these components in javascript (in case we do not have jQuery in Liferay6 now)

It looks a little bit strange - develop own UI framework in case there are already many frameworks exist



Did you know?

<aui:model-context bean="<%= article %>" model="<%= JournalArticle.class %>" /> generate an "stack overflow" error on internet explorer...

any solutions?

Sign in to vote.

Posted on 7/20/10 8:38 AM.



Can someone explain how the <aui:input /> tag can be used to display dates within custom jsps? I have tried creating a Calendar object even cloning an existing date that is shown within the jsp. jsp code snippet:

Calendar regDate = (Calendar)startDate.clone(); <aui:input name="regDate" value="<%= regDate %>" />

(from portlet/calendar/edit_event.jsp)

I can display as s string both startDate and regDate and both are identical but I don't see any user fields for the regDate field.

What files do I have to extend? I thought the whole AUI library was meant to make life easy? FYI the output of String.valueOf(regDate)is:

java.util.GregorianCalendar[time=1285875031706,areFieldsSet=true,areAllFieldsSet=true,lenient=true,zone=sun.util.calendar.ZoneInfo[id= "UTC", offset=0, dstSavings=0, useDaylight=false, transitions=0, lastRule=null], first-DayOfWeek=1,minimalDaysInFirstWeek=1,ERA=1,YEAR=2010,MONTH=8,WEEK_OF_YEAR=40,WEE-K_OF_MONTH=5,DAY_OF_MONTH=30,DAY_OF_YEAR=273,DAY_OF_WEEK=5,DAY_OF_WEEK_IN_MONTH=

5,AM_PM=1,HOUR=7,HOUR_OF_DAY=19,MINUTE=30,SECOND=31,MILLISECOND=706,ZONE_OFFSET=-0,DST_OFFSET=0]

Sign in to vote.

Posted on 8/31/10 12:36 PM.



Good set of features but doesn't work with IE6.

So Liferay 6 has multiple issues on IE6. e.g. the "Sign-in" button on Sign In portlet doesn't show, the "I Agree" and "I Disagree" buttons don't show either.

Sign in to vote.

Posted on 12/7/10 7:48 AM.



Hi All,

Anybody knows how can we set header in A.UI.request call? I am getting below error when i am making ajax call:

18:51:07,812 ERROR [UploadServletRequestImpl:101]

org.apache.commons.fileupload.FileUploadBase\$InvalidContentTypeException: the request

doesn't contain a multipart/form-data or multipart/mixed stream, content type header is application/x-www-form-urlencoded; charset=UTF-8

org.apache.commons.fileupload.FileUploadBase\$InvalidContentTypeException: the request doesn't contain a multipart/form-data or multipart/mixed stream, content type header is application/x-www-form-urlencoded; charset=UTF-8

at org.apache.commons.fileupload.FileUploadBase\$FileItemIteratorImpl.<init>(FileUploadBase.java:885)

at org.apache.commons.fileupload.FileUploadBase.getItemIterator(FileUploadBase.java:331) at org.apache.commons.fileupload.FileUploadBase.parseRequest(FileUploadBase.java:349) at org.apache.commo

Sign in to vote.

Posted on 12/13/10 5:24 AM.



Sorry for question stupid. But I'm create new button:

<aui:button-row>

<aui:button name="saveButton" type="submit" value="save" ></aui:button>

<aui:button name="cancelButton" type="button" value="cancel"></aui:button>

</aui:button-row>

But when deploy the web browser not appear. What should I import?

Sign in to vote.

Posted on 12/14/10 1:39 AM in reply to <u>Jignesh Vachhani</u>.



add the following taglib and you shout be ready to roll:

<%@ taglib uri="http://liferay.com/tld/ui" prefix="liferay-ui" %>

Sean McGinnis

Sign in to vote.

Posted on 12/20/10 7:06 AM in reply to Mai Toan.



Sorry take that back, add this taglib instead:

<u>Sean</u> Macinaria <%@ taglib uri="http://liferay.com/tld/aui" prefix="aui" %>

McGinnis Sign in to vote.

Posted on 12/20/10 7:07 AM in reply to Sean McGinnis.



Hi Sean, when I tried to import the taglib you just mentioned, I'm getting this error: Can not find the tag library descriptor for "http://liferay.com/tld/aui".

Amruta Borkar

Sign in to vote.

What should I do?

Posted on 1/2/11 10:39 PM.



How to upload files, with aui without page reload?

Sign in to vote.

Kharitonov



Really Nice Post. Very Informative.

Sign in to vote.

Posted on 3/9/11 5:03 AM.



Sign in to vote.

<u>Diego</u> <u>Andres</u> <u>Garcia</u>

Posted on 3/30/11 12:20 PM in reply to Alexey Kakunin.



Nice features.

<u>Prakash</u> <u>Khanchanda</u> <u>ni</u> But why not have a thorough documentation of the Alloy JSP Tag Library like we have for say JSTL and JSP tags!

I think the same, I have to include jQuery in my web site after not being able to understand Alloy

Thanks for the Wiki article though

Sign in to vote.

Posted on 4/7/11 6:03 AM.

Posted on 9/28/11 9:16 AM.



_. .

Muhammad Asif

Sign in to vote.



Le Ca

Hello! Please bare with me since I'm new to liferay. Can someone help me how to get the value of tags and categories? I've tried using the code below but it doesn't work. Thanks in advance.

Can anyone help me in putting the radio buttons in a single row. I am unable to do that using the

Snippet is from jsp.

<aui:input name="tags" type="assetTags" />

<aui:input name="categories" type="assetCategories" />

<aui:input type="radio" /> tags. Please help. Thanks in advance.

Snippet is from main.js

var tags = instance.getByName(form, 'tags');

alert("Tags: "+tags.val());

var cat = instance.getByName(form, 'categories');

alert("Categories: "+cat.val());

Sign in to vote.

Posted on 11/23/11 2:23 AM in reply to Muhammad Asif.



I'm looking for concrete examples of using the bean and listType attributes of the select Alloy UI tag..not finding much out there..



<u>Danial</u> <u>Mustofa</u> <u>Habibi</u> Hi All...maybe this is stupid question

hi There I know it's silly questions.and i'm a newbie "but still I need to ask about this...how i can create horizontal radio button "so it show in one line??as I try <aui:field-wrapper name="gender"> <aui:input inlineLabel="right" name="KTP" type="radio" value="1" label="male" />

<aui:input checked="<%= true %>" inlineLabel="right" name="gender" type="radio" value="2" label="passport" />

</aui:field-wrap

and

1<aui:column>

- 2 <aui:input name="KTP" type="radio" value="ktp"></aui:input>
- 3 <aui:input name="Passport" type="radio" value=""></aui:input>
- 4 </aui:column>

5it still showing every radio button on new line..

6and how to enable/disable or show any form using radio button? for example if someone click KTP, only KTP form/field will be shown? or the passport field/form will disabled?

7

8

9Thank's any help would be really appreciated,

10

11

12Regards

13

14

15Danial

Sign in to vote.

Posted on 1/21/12 11:46 PM.



Very Nice

Pulla Reddy

Sign in to vote.

Posted on 2/22/12 5:43 AM.



Do one thing favour for me.

How can i add a image into a specific place in the portlet?

Anybody suggest me any idea?

Sign in to vote.

Posted on 2/22/12 5:44 AM in reply to Pulla Reddy.



Very good information.

<u>Ashish</u>

Thanks for it.

Renapurkar



Good Information..Thanks...

Alloy UI .. with all it;s document and Working exmples are available at

http://www.liferay.com/community/liferay-projects/alloy-ui/demos

HTH More.

Sign in to vote.

Posted on 6/4/12 11:54 PM.



I had designed a form by alloy ui in view.jsp files ...wolud you tell me how I can connect this form with a portlet ?how I can use a form in liferay...

Sign in to vote.

Posted on 10/6/12 11:36 PM in reply to <u>DarshanKumar N Bhatia</u>.



I tried above code for select and option and would like to discuss one issue, in my case this code is not working:

<aui:select label="asset-selection" name="selectionStyle" onchange="<%=
renderResponse.getNamespace() + "chooseSelectionStyle();" %>">
<aui:option selected="<%= selectionStyle.equals("dynamic") %>" value="dynamic">liferayui:message key="dynamic" /></aui:option>
<aui:option selected="<%= selectionStyle.equals("manual") %>" value="manual">liferayui:message key="manual" /></aui:option>

</aui:select>

If I replace double quote in selected attribute with single code then it do work as in above case I am getting error which says: Attribute value selectionStyle.equals("dynamic") is quoted with " which must be escaped when used within the value

Working code is: (replace selected=" " with selected=' ') <aui:option selected='<%= selectionStyle.equals("dynamic") %>' value="dynamic">liferay-ui:message key="dynamic" /></aui:option>

Sign in to vote.

Posted on 4/23/13 9:00 AM.



thanks

Sign in to vote.

ΚV

Posted on 8/17/13 2:18 AM in reply to Vaibhav Mittal.

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