Infusion FAQ

Pager
Question

How do I set the initial page size in Pager?

Answer

To adjust initial page size, you will have to first locate where the pager is initialized, then add the
following block into your pager options:

```
model: {
    pageSize: <new page size>
}
```

If you created your pager based on the Pager tutorial at http://wiki.fluidproject.org/display/fluid/Pager+Tutorial, then look for the following block:

```
jQuery(document).ready(function () {
    var opts = {
        // we'll go into this in a moment
    };
    fluid.pager("#demo-pager-container", opts);
});
```

Next, checking the Pager API, http://wiki.fluidproject.org/display/fluid/Pager+API#PagerAPI-optionsdescription, under header "The Pager Model", we see
the following:

Field	Type	Primary /Computed	Description
pageSize	integer	Primary	The number of "items" which may be shown on a page

This tells us that if we want to modify the initial pageSize, we will have to modify the model option, as follow:

```
var opts = {
    model: {
        pageSize: <new page size>
    }
};
```

Now, let's put this option into the pager, assuming 20 is the new page size

```
jQuery(document).ready(function () {
    var opts = {
        model: {
            pageSize: 20
        }
    };
    fluid.pager("#demo-pager-container", opts);
});
```

That's it! More information can be found here http://wiki.fluidproject.org/display/fluid/Pager+Tutorial.

Question:

I have a pager setup with sortable columns, the table head looks like:

```
<tr rsf:id="header:">
    <th>
      <a href="javascript:;" rsf:id="date">Date</a>
    </th>
</tr>
```

How do you make it so the user can click anywhere in the <th> to sort (instead of clicking just the link)?

Answer:
To sort the column with the entire table header, you just need to move the "rsf:id" out from the anchor(<a>)to the table header(<th>), as follow:

```
<tr rsf:id="header:">
    <th rsf:id="date">
      <a href="javascript:;">Date</a>
    </th>
</tr>
```

Reorderer
Question
For reorders, how do I send new order back to the server?

Answer
Take a look at: http://wiki.fluidproject.org/display/fluid/Talking+to+the+Server+Using+The+afterMove+Event

Inline Edit
Question
Is it possible to have a multiline inline edit, without the "Rich Text" functionality?

Answer
No. You will have to use the "Rich Text".

Uploader
Question
My uploaded files aren't saving where I want them to - why?

Answer
Check your server script, this problem has nothing to do with the FLUID uploader. The server script handles where the files save to. This server script is specified by the uploadURL variable, which is located at the queueSettings block,

ie.

```
queueSettings: {
    uploadURL: "/sakai-imagegallery2-web/site/multiFileUpload.jsp",
    fileTypes: "*.gif;*.jpeg;*.jpg;*.png;*.tiff;*.tif"
},
```

In this case, the script is "/sakai-imagegallery2-web/site/multiFileUpload.jsp".

IoC
Q. What's fluid.defaults()?
A.
fluid.defaults() stores and retrieve a component's default settings. "Settings" are the `options` that are basically configuration to a components. On run time, components settings are generated by merging the default settings (which is by `fluids.defaults()`) and the users' instance of `option` (which is the last argument to a component creator).
The `fluid.defaults()` API can be found here.
Q: What is `fluid.demands()`, why do we need it, and what does it do?

A:
Infusion includes an Inversion of Control (IoC) system, which helps developers organize dependencies between objects in their application. This makes code easier to reuse and test. Instead of directly instantiating other objects or dependencies, a component "demands" them from the Infusion IoC system. When the component is instantiated, the framework automatically sets up everything the component needs in order to operate. Dependencies are declared, or "wired up," using the `fluid.demands()` framework function. More information on using `fluid.demands()` can be found at Demands Specification and the `fluid.demands()` API page.