

## Jalama - Bug #2021

### Morpho Plugin - Basic Dataset Upload and Merging

03/11/2005 12:36 PM - Matthew Brooke

<b>Status:</b>	Resolved	<b>Start date:</b>	03/11/2005
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Matthew Brooke	<b>% Done:</b>	0%
<b>Category:</b>	jalama-general	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0.0beta1	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	2021		
<b>Description</b>			
Morpho Plugin for Field Data-Collection Admin:			
2) dataset merging and Upload			
a) basic requirement:			
incoming datasets would all be put inside a subfolder that resides in the same root directory, within the user's morpho profile - eg			
<pre>~/morpho/[...]/jalama_incoming/Intertidal_12Jan05/ ~/morpho/[...]/jalama_incoming/Intertidal_28Jan05/ ~/morpho/[...]/jalama_incoming/Intertidal_31Jan05/</pre>			
...where "Intertidal" represents the form title or table name etc - this is consistent across all tablets used by different people for any given group of measurements.			
Plugin would allow user to pick one <b>or more</b> of these directories, and all those dirs' contents would be sent to the fragment aggregator for merging. Note that multiple selection is needed because collection might take place over multiple days for a single dataset.			
Resulting merged dataset would then be copied to user's main morpho profile directory, so it can be browsed and manipulated in morpho, and can be uploaded to metacat if required			
<b>Related issues:</b>			
Blocked by Jalama - Bug #2026: MORPHO PLUGIN Tracking Bug - Field Data-Colle...		<b>Resolved</b>	<b>03/11/2005</b>

#### History

#1 - 03/11/2005 12:58 PM - Matthew Brooke

EXAMPLE:

i) show **directories** containing forms that have been uploaded, listed by table or form name:

```
intertidal_DatasetID  
tidal_DatasetID  
forest_DatasetID
```

user then picks one of these groups

ii) for picked one - show **directories** containing data collected from (say) 4 different tablets on 3 different days -

user selects which ones (**directories**) contain the data to be merged

iii) do merge

...so hierarchy might actually look like this:

```
~/morpho/[...]/jalama_incoming/Intertidal_brooke.5.1/12Jan05/  
~/morpho/[...]/jalama_incoming/Intertidal_brooke.5.1/28Jan05/  
~/morpho/[...]/jalama_incoming/Intertidal_brooke.5.1/31Jan05/  
~/morpho/[...]/jalama_incoming/Tidal_brooke.3.2/11Feb05/  
~/morpho/[...]/jalama_incoming/Tidal_brooke.3.2/26Feb05/  
~/morpho/[...]/jalama_incoming/Forest_brooke.8.7/28Jan05/
```

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#### AFTER MERGE:

after merge, move datasets from jalama\_incoming to jalama\_processed. Ask if they want to keep original forms or delete them

#### #2 - 03/18/2005 04:37 PM - Matthew Brooke

conf call 18 March 2005:

when synchronizing data from tablet, put it in a subdir of ~/.jalama directory (like: ~/.jalama/[...]/jalama\_incoming/...) instead of in ~/.morpho (like: ~/.morpho/[...]/jalama\_incoming/...), as previously mentioned.

This keeps all jalama-plugin files separate from morpho files, and dispenses with the problem of the synch code needing to know which profile is currently running, and therefore where to put the data.

After merge ("import"), dataset would be displayed in morpho, and then when the user saves it, it will be put into the correct profile dir by morpho's existing code - no brainer

```
~/morpho/[...]/jalama_incoming/ln
```

#### #3 - 04/07/2005 10:40 AM - Matthew Brooke

basic call to merger done - only thing left to do is split data out and make it online instead of inline, then get morpho to recognize this and open it in spreadsheet view

#### #4 - 04/26/2005 09:59 AM - Matthew Brooke

Finished first version of morpho plugin.

#### #5 - 03/27/2013 02:18 PM - Redmine Admin

Original Bugzilla ID was 2021