

Jive5ab Copy Manager

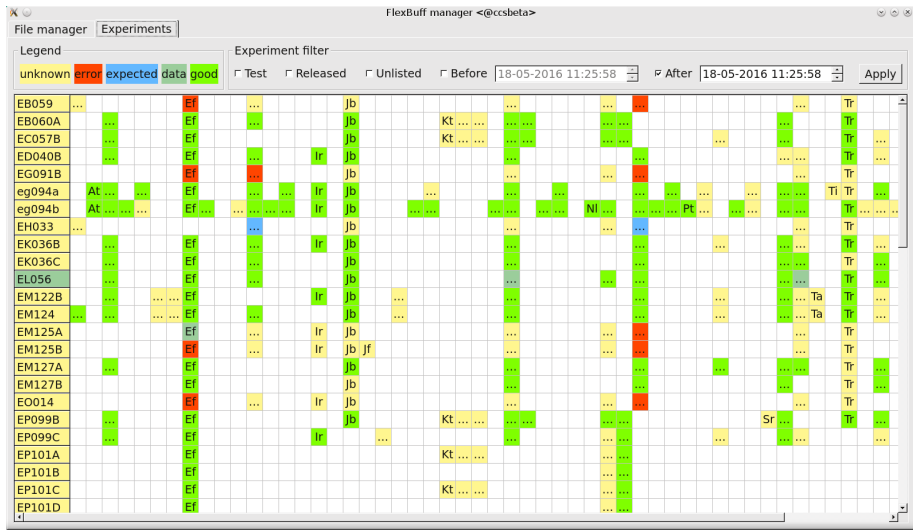
Bob Eldering

JIVE

eldering@jive.eu

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FlexBuff Manager



FlexBuff Manager

FlexBuff manager <@ccsbeta>

File manager | Experiments EK036C

Observation date: 25-02-2017 16:00:00 Status: Wait

	Bd	Ef	Hh	Jb	Mc	O8	Sv	T6	Tr	Ur	Wb	Zc
transfer status		comple...	comple...			comple...						
flexbuffs	flexbuf5	flexbuf0	flexbuf4	flexbuf5	flexbuf5	flexbuf4	flexbuf5	flexbuf5		flexbuf5	flexbuf5	flexbuf5
		flexbuf5	flexbuf5			flexbuf5						
VSN	0AN+0...	FLXBFFef	FLXBFF...	J0D+0...	NRA0+...	FLXBFF...	0S0D+...	SHA0+...		KVN-11...	J0D+0...	0S0D+...
Status	InUse	Expected	Expected	InUse	InUse	Expected	InUse	InUse		InUse	InUse	InUse
Quality	Good	Good	Good	Good	Good	Good	Good	Good		Good	Good	Good
Shelf	00,00	00,00	00,00	00,00	04,12	00,00	00,00	12,17		00,00	00,00	00,00
Capacity	32000	0	0	32000	6000	0	32000	8000		8000	32000	48000
Departure date	24-01-...				26-09-...		24-01-...	14-09-...		24-01-...	25-01-...	24-01-...
Arrival date	21-03-...			21-03-...	06-03-...		28-03-...	12-04-...		04-04-...	13-03-...	28-03-...
Erase date					19-05-...			21-05-...				
Comment					Data G...							

FlexBuff Manager

FlexBuff manager <@ccsbeta>

File manager | Experiments |

Selection

Type **Mark5** | Reload | Host **16 (10.88.0.66)**

Bank	VSN	#scan	Recording	Size
+	A	MPI-0008/960/10244	4	70.09G
+	B	JOD+0103/32000/1024	508	24.81T

Selection size: no selection

Selection

Type **FlexBuff** | Reload | Host **flexbuff0 (10.88.0.25)**

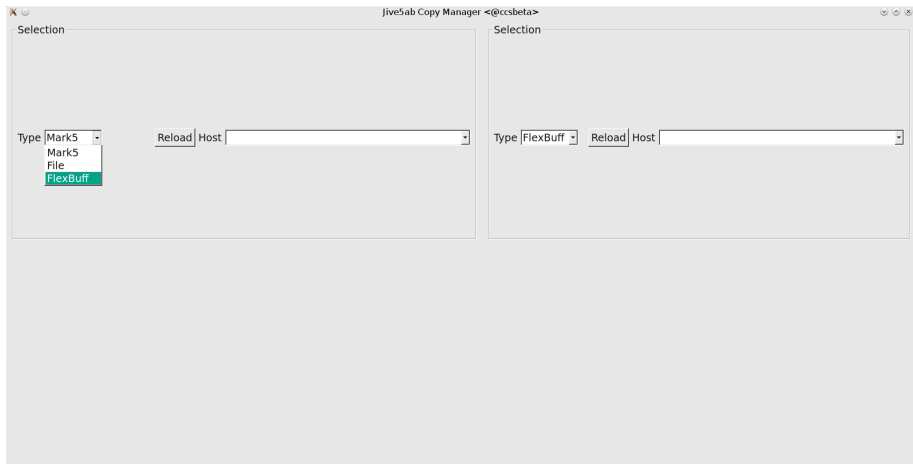
Disk usage

Total: 108.7T Used: 65.90T Free: 37.37T

Experiment	Station	Scan	Size
+		EG097C	2.850T
+		EG097D	1.870T
+		EH028D	228.9G
+		EK036C	718.1G
+		EL056	4.776T
+		EM119D	311.4G
+		EM124	544.9G
+		EM127A	5.472T
+		EP102	3.485T
+		EP103B	9.137T
+		F17K1	297.5G
+		F17Q1	746.8G
+		FR022	577.4G
+		FR027	963.1G
+		FR029	1.903T
+		FT010	302.2G
+		GA037A	219.4G
+		GA037B	117.3G
+		GA038	657.5G
+		GM073A	2.413T
+		GV022A	3.098T
+		N17C1	653.3G
+		N17Q1	1.108T

Selection size: no selection Show file chunks

Jive5ab Copy Manager



Jive5ab Copy Manager



Jive5ab Copy Manager

The screenshot displays the Jive5ab Copy Manager application window. The main window has a title bar that reads "Jive5ab Copy Manager <@ccsbeta>". Below the title bar is a "Selection" section with a "Type" dropdown menu set to "Mark5", a "Reload" button, and a "Host" dropdown menu set to "10.88.0.66".

The central part of the window contains a table with the following columns: "Bank", "VSN", "#scan", "Recording", and "Size". The table is divided into two sections, A and B, indicated by expand/collapse icons on the left.

Bank	VSN	#scan	Recording	Size
A	MPI-0008/960/10244	4		70.09G
		1	sr_new5a	0
		2	streaming_test	0
		3	streaming_test	69.20G
		4	recording_hh	906.0M
B	JOD+0103/32000/1024	508		24.81T
		1	f171l_wb_no0001	49.97G
		2	f171l_wb_no0002	49.97G
		3	f171l_wb_no0003	46.39G
		4	f171l_wb_no0004	49.97G
		5	ep103a_wb_no0001	24.72G
		6	ep103a_wb_no0002	66.51G
		7	ep103a_wb_no0006	65.31G
		8	ep103a_wb_no0010	71.16G
		9	ep103a_wb_no0014	67.70G
		10	ep103a_wb_no0018	6.806G
		11	ep103a_wb_no0019	92.77G
		12	ep103a_wb_no0024	67.70G
		13	ep103a_wb_no0028	6.686G
		14	ep103a_wb_no0029	92.77G
		15	ep103a_wb_no0034	67.70G
		16	ep103a_wb_no0038	6.806G
		17	ep103a_wb_no0039	92.77G
		18	ep103a_wb_no0044	67.70G
		19	ep103a_wb_no0048	6.806G
		20	ep103a_wb_no0049	92.77G
		21	ep103a_wb_no0054	67.70G

At the bottom left of the main window, it says "Selection size: no selection".

To the right of the main window is a smaller, partially visible window titled "Selection". It has a "Type" dropdown menu set to "FlexBuff", a "Reload" button, and a "Host" dropdown menu.

Jive5ab Copy Manager

The screenshot displays the Jive5ab Copy Manager interface. The main window is titled "Jive5ab Copy Manager <@ccsbeta>". It features a "Selection" panel at the top with a "Type" dropdown set to "File", a "Reload" button, a "Root path" field containing "/", and a "Host" dropdown set to "flexbuf0 (10.88.0.25)". Below this is a file browser showing a tree view of the file system. The "disk0" directory is expanded, revealing a list of files with their sizes. The "Selection" panel on the right is currently empty, with its "Type" dropdown set to "FlexBuff", a "Reload" button, and an empty "Host" field.

File	Size
/	
bin	
boot	
data	
dev	
etc	
home	
lib	
lib32	
lib64	
libx32	
lost+found	
media	
mnt	
disk0	
23a1mc_mc_0001	
23a1mc_mc_0001.00000005	256.0M
23a1mc_mc_0001.00000011	256.0M
23a1mc_mc_0001.00000017	256.0M
23a1mc_mc_0001.00000023	256.0M
23a1mc_mc_0001.00000029	256.0M
23a1mc_mc_0001.00000035	256.0M
23a1mc_mc_0001.00000041	256.0M
23a1mc_mc_0001.00000047	256.0M
23a1mc_mc_0001.00000053	256.0M
23a1mc_mc_0001.00000059	256.0M
23a1mc_mc_0001.00000065	256.0M

Selection size: no selection

Jive5ab Copy Manager

Selection

Type FlexBuff Reload Host flexbuf0 (10.88.0.25)

Disk usage

Total: 108.7T Used: 65.90T Free: 37.37T

Experiment	Station	Scan	Size
EG097C			2.850T
EG097D			1.870T
EH028D			228.9G
EK036C			718.1G
EL056			4.776T
EM119D			311.4G
EM124			544.9G
EM127A			5.472T
	Ef		2.736T
	O8		2.736T
		no0001	28.71G
		no0002	53.85G
		no0004	81.38G
		no0008	81.37G
		no0012	81.37G
		no0016	81.37G
		no0020	81.38G
		no0024	81.38G
		no0028	81.37G
		no0032	81.38G
		no0036	81.38G
		no0040	81.38G
		no0044	81.37G

Selection size: no selection Show file chunks

Selection

Type FlexBuff Reload Host

Jive5ab Copy Manager

The screenshot displays the Jive5ab Copy Manager interface. The main window shows a table of file listings with columns for Experiment, Station, Scan, Chunk, and Size. The 'Chunk' column is circled in red. Below the table, there is a 'Show file chunks' checkbox, also circled in red. The interface includes a 'Selection' panel at the top with a 'Type' dropdown set to 'FlexBuff', a 'Reload' button, and a 'Host' dropdown set to 'flexbuf0 (10.88.0.25)'. A 'Disk usage' section shows 'Total: 108.7T', 'Used: 65.90T', and 'Free: 37.37T'. A secondary window on the right is partially visible, showing a similar 'Selection' panel.

Experiment	Station	Scan	Chunk	Size
EG097C				2.850T
EG097D				1.870T
EH028D				228.9G
EK036C				718.1G
EL056				4.776T
EM119D				311.4G
EM124				544.9G
EM127A				5.472T
	Ef			2.736T
	O8			2.736T
		no0001		28.71G
			00000000 on disk3	244.1M
			00000001 on disk3	244.1M
			00000002 on disk1	244.1M
			00000003 on disk2	244.1M
			00000004 on disk2	244.1M
			00000005 on disk5	244.1M
			00000006 on disk4	244.1M
			00000007 on disk3	244.1M
			00000008 on disk0	244.1M
			00000009 on disk0	244.1M
			00000010 on disk2	244.1M
			00000011 on disk?	244.1M

Jive5ab Copy Manager

The screenshot displays the Jive5ab Copy Manager interface. The main window is titled "Jive5ab Copy Manager <@ccsbeta>". It features a "Selection" section at the top with a "Type" dropdown set to "FlexBuff", a "Reload" button, and a "Host" dropdown menu containing the text "All local FlexBuffs". Below this is a "Disk usage" section showing "Total: 179.8T", "Used: 104.6T", and "Free: 69.74T". The central part of the interface is a table listing experiments with columns for "Experiment", "Station", "Scan", "Size", and "FlexBuff". The "FlexBuff" column header is circled in red. The table lists various experiments, with several rows highlighted in green, including EC054A, EC057B, and EL056. At the bottom left, it shows "Selection size: 12.41T (145 items)" and a "Show file chunks" checkbox.

Selection

Type FlexBuff Reload Host All local FlexBuffs

Disk usage

Total: 179.8T Used: 104.6T Free: 69.74T

Experiment	Station	Scan	Size	FlexBuff
23A1			53.61G	flexbuf0
23A1MC			53.77G	flexbuf0
23B1			206.7G	flexbuf0
23B1MC			545.1G	flexbuf0
23C1			247.2G	flexbuf0
23C1MC			250.0G	flexbuf0
EB060A			3.532T	aribox
EC054A			36.76G	flexbuf0
EC057B			259.3G	aribox
EG087A			8.070T	flexbuf0
EG089A			960.1G	flexbuf0
EG089B			155.8G	flexbuf0
EG089C			223.9G	flexbuf0
EG089D			1.116T	flexbuf0
EG091A			2.826T	flexbuf0
EG097A			3.356T	flexbuf0
EG097B			3.352T	flexbuf0
EG097C			2.850T	flexbuf0
EG097D			1.870T	flexbuf0
EH028D			228.9G	flexbuf0
EK036C			718.1G	flexbuf0
EL056			11.45T	flexbuf0, aribox
FM119D			311.4G	flexbuf0

Selection size: 12.41T (145 items) Show file chunks

Jive5ab Copy Manager

The screenshot displays the Jive5ab Copy Manager application window. The main window has a title bar "Jive5ab Copy Manager <@ccsbeta>". Below the title bar is a "Selection" section with a "Type" dropdown set to "FlexBuff", a "Reload" button, and a "Host" dropdown set to "All local FlexBuffs".

Below the selection section is a "Disk usage" section showing: Total: 179.8T, Used: 104.6T, Free: 69.74T.

The main area contains a table with the following columns: Experiment, Station, Scan, Size, and FlexBuff. The table lists various experiments and scans, with a selection of rows highlighted in green. A context menu is open over the selected rows, showing options: "Scan check", "Copy to ...", and "Clear selection Esc".

At the bottom of the window, it shows "Selection size: 93.36G (4 items)" and a checkbox for "Show file chunks".

Experiment	Station	Scan	Size	FlexBuff
EG097A			3.356T	flexbuf0
EG097B			3.352T	flexbuf0
EG097C			2.850T	flexbuf0
EG097D			1.870T	flexbuf0
EH028D			228.9G	flexbuf0
EK036C			718.1G	flexbuf0
	Ef		718.1G	flexbuf0
		no0001	35.92G	flexbuf0
		no0002	10.77G	flexbuf0
		no0003	35.91G	flexbuf0
		no0004	10.77G	flexbuf0
		no0005	35.91G	flexbuf0
		no0006	10.76G	flexbuf0
		no0007	35.91G	flexbuf0
		no0008	10.76G	flexbuf0
		no0009	35.91G	flexbuf0
		no0010	10.77G	flexbuf0
		no0011	35.91G	flexbuf0
		no0012	10.77G	flexbuf0
		no0013	35.89G	flexbuf0
		no0014	28.73G	flexbuf0
		no0015	10.78G	flexbuf0
		no0016	35.91G	flexbuf0

Jive5ab Copy Manager

The screenshot displays the Jive5ab Copy Manager interface. At the top, the title bar reads "Jive5ab Copy Manager <@ccsbeta>". Below this, there are two main windows. The left window is titled "Selection" and shows a "Type" dropdown set to "FlexBuff" and a "Host" dropdown set to "All local FlexBuffs". Below the dropdowns, a "Disk usage" section shows "Total: 179.8T", "Used: 104.6T", and "Free: 69.74T". A table lists experiments with columns for "Experiment", "Station", "Scan", "Size", and "FlexBuff". The table contains several rows, with the first few being EG097A through EG097D, and EK036C. A bar chart below the table shows a green bar for the selected items. At the bottom of this window, it says "Selection size: 93.36G (4 items)" and "Show file chunks".

The right window is also titled "Selection" and has a "Type" dropdown set to "FlexBuff" and a "Host" dropdown. It is partially obscured by a terminal window.

The terminal window, titled "jcm.py <@ccsbeta>", displays the following log output:

```
!scan_check? 0 : ? : ek036c_ef_no0004 : VDIF : 32 : 2017y056d16h13m32.1108s : 89.9959s : 32Mbps : 0 : 8032 ;
!scan_check? 0 : ? : ek036c_ef_no0005 : VDIF : 32 : 2017y056d16h15m44.1074s : 300.061s : 32Mbps : 0 : 8032 ;
!scan_check? 0 : ? : ek036c_ef_no0006 : VDIF : 32 : 2017y056d16h21m24.1620s : 89.8754s : 32Mbps : 0 : 8032 ;
!scan_check? 0 : ? : ek036c_ef_no0007 : VDIF : 32 : 2017y056d16h23m36.0358s : 300.068s : 32Mbps : 0 : 8032 ;
```

An "OK" button is visible at the bottom right of the terminal window.

Jive5ab Copy Manager

Selection
Type **FlexBuff** | Reload | Host **All local FlexBufs**

Disk usage
Total: 179.8T | Used: 104.6T | Free: 69.74T

Experiment	Station	Scan	Size	FlexBuff
EG097A			3.356T	flexbuf0
EG097B			3.352T	flexbuf0
EG097C			2.850T	flexbuf0
EG097D			1.870T	flexbuf0
EH028D			228.9G	flexbuf0
EK036C			718.1G	flexbuf0
	Ef		718.1G	flexbuf0
		no0001	35.92G	flexbuf0
		no0002	10.77G	flexbuf0
		no0003	35.91G	flexbuf0
		no0004	10.77G	flexbuf0
		no0005	35.91G	flexbuf0
		no0006	10.76G	flexbuf0
		no0007	35.91G	flexbuf0
		no0008	10.76G	flexbuf0
		no0009	35.91G	flexbuf0
		no0010	10.77G	flexbuf0
		no0011	35.91G	flexbuf0
		no0012	10.77G	flexbuf0
		no0013	35.89G	flexbuf0
		no0014	28.73G	flexbuf0
		no0015	10.78G	flexbuf0
		no0016	35.91G	flexbuf0

Selection size: 93.36G (4 items) | Show file chunks

Selection
Type **Mark5** | Reload | Host **10.88.0.66**

Bank	VSN	#scan	Recording	Size
A	MPI-0008/960/1024	0		0
B	JOD+0103/32000/1024	508		24.81T
		1	f171_wb_no0001	49.97..
		2	f171_wb_no0002	49.97..
		3	f171_wb_no0003	46.39..
		4	f171_wb_no0004	49.97..
		5	ep103a_wb_no0001	24.72..
		6	ep103a_wb_no0002	66.51..
		7	ep103a_wb_no0006	65.31..
		8	ep103a_wb_no0010	71.16..
		9	ep103a_wb_no0014	67.70..
		10	ep103a_wb_no0018	6.806..
		11	ep103a_wb_no0019	92.77..
		12	ep103a_wb_no0024	67.70..
		13	ep103a_wb_no0028	6.686..
		14	ep103a_wb_no0029	92.77..
		15	ep103a_wb_no0034	67.70..
		16	ep103a_wb_no0038	6.806..
		17	ep103a_wb_no0039	92.77..
		18	ep103a_wb_no0044	67.70..
		19	ep103a_wb_no0048	6.806..
		20	ep103a_wb_no0049	92.77..
		21	ep103a_wb_no0054	67.70..
		22	ep103a_wb_no0058	6.806..
		23	ep103a_wb_no0059	92.77..
		24	ep103a_wb_no0064	67.70..

Selection size: no selection

Jive5ab Copy Manager

The screenshot shows the Jive5ab Copy Manager interface. On the left, a table lists experiments and their details. On the right, a table shows the selection of a target bank and its VSNs. A dialog box is overlaid in the center, indicating an error.

Selection (Left Panel):

- Type: FlexBuff
- Host: All local FlexBuffs
- Disk usage: Total: 179.8T, Used: 104.6T, Free: 69.74T
- Table columns: Experiment, Station, Scan, Size, FlexBuff
- Selected items: EG097A, EG097B, EG097C, EG097D, EH028D, EK036C
- Selection size: 93.36G (4 items)

Selection (Right Panel):

- Type: Mark5
- Host: 10.88.0.66
- Table columns: Bank, VSN, #scan, Recording, Size
- Selected items: Bank B, VSN JOD+0103/32000/1024
- Selection size: no selection

Error Dialog:

Cannot copy <@ccsbeta>
Only one bank has to be selected as the target bank to copy to.
OK

Jive5ab Copy Manager

The screenshot displays the Jive5ab Copy Manager interface. At the top, there are two selection panels. The left panel is for 'FlexBuff' with 'Host' set to 'All local FlexBuffs'. The right panel is for 'Mark5' with 'Host' set to '10.88.0.66'. Below these are 'Disk usage' statistics: Total: 179.8T, Used: 104.6T, Free: 69.74T.

A file list is visible on the left, showing experiments EG097A through EK036C. A dialog box is open in the center, titled 'flexbuf0 -> 10.88.0.66 <@ccsbeta>'. It shows protocol options (UDT, TCP, UDT) and a 'Rename recording' checkbox with a pattern: `[a-zA-Z0-9]+(?:P<scan>[a-zA-Z0-9]+).*`. Below the dialog, a table lists files with columns for Bank, VSN, #scan, Recording, and Size.

Bank	VSN	#scan	Recording	Size
A	MPI-0008/960/1024	0		0
B	JOD+0103/32000/1024	508		24.81T
		1	f1711_wb_no0001	49.97G
			wb_no0002	49.97G
			wb_no0003	46.39G
			wb_no0004	49.97G
			ba_wb_no0001	24.72G
			ba_wb_no0002	66.51G
			ba_wb_no0006	65.31G
			ba_wb_no0010	71.16G
			ba_wb_no0014	67.70G
			ba_wb_no0018	6.806G
			ba_wb_no0019	92.77G
			ba_wb_no0024	67.70G
			ba_wb_no0028	6.686G
			ba_wb_no0029	92.77G
			ba_wb_no0034	67.70G
			ba_wb_no0038	6.806G
			ba_wb_no0039	92.77G
			ba_wb_no0044	67.70G
			ba_wb_no0048	6.806G
			ba_wb_no0049	92.77G
			ba_wb_no0054	67.70G
			ba_wb_no0058	6.806G
			ba_wb_no0059	92.77G
			ba_wb_no0064	67.70G
			ba_wb_no0068	6.806G

Jive5ab Copy Manager

The screenshot displays the Jive5ab Copy Manager interface. At the top, there are two selection panels. The left panel is for 'FlexBuff' with a 'Host' of 'All local FlexBuffs'. The right panel is for 'Mark5' with a 'Host' of '10.88.0.66'. Below these are 'Disk usage' statistics: Total: 179.8T, Used: 104.6T, Free: 69.74T.

The main window shows a file list with columns for Experiment, Station, and Scan. A dialog box is open over the file list, titled 'flexbuf0 -> 10.88.0.66 <@ccsbeta>'. The dialog contains configuration options for 'Protocol' (UDT), 'Rate (Mbps)' (800), and 'MTU' (9000). It also has 'Extra options' including '-t 120' and a 'Rename recording' field with a regex pattern. At the bottom of the dialog, there are 'Apply', 'Go', and 'Cancel' buttons.

Below the dialog, the file list is partially visible, showing a table with columns 'Bank', 'VSN', '#scan', 'Recording', and 'Size'. The table contains the following data:

Bank	VSN	#scan	Recording	Size
A	MPI-0008/960/1024	0		0
B	JOD+0103/32000/1024	508		24.81T

At the bottom of the main window, there are two status bars: 'Selection size: 93.36G (4 items)' and 'Selection size: invalid selection'.

Jive5ab Copy Manager

The screenshot displays the Jive5ab Copy Manager application window. The main window has two panes. The left pane shows a tree view of experiments and a 'Selection' section with 'Type' set to 'FlexBuff', 'Host' as 'All local FlexBuffs', and disk usage statistics: Total: 179.8T, Used: 104.6T, Free: 69.74T. The right pane shows a table of selected items:

Bank	VSN	#scan	Recording	Size
A	MPI-0008/960/1024	0		0
B	JOD+0103/32000/1024	508		24.81T
		1	f1711_wb_no0001	49.97G

A configuration dialog box is open in the foreground, titled 'flexbuf0 -> 10.88.0.66 <@ccsbeta>'. It contains the following fields and options:

- Protocol: UDT
- TCP Rate (Mbps): 800
- UDT MTU: 9000
- Extra options: -t 120
- Rename recording: `{[a-zA-Z0-9+]_(?P<st>[a-zA-Z0-9+]_)?P<scan>[a-zA-Z0-9+]_}* [test_{st}]_{scan}`
- Buttons: Help, Apply, Go, Cancel

At the bottom of the dialog, the following command is displayed:

```
m5copy -udt -m 9000 -r 800000000 -t 120 vbs://flexbuf0:2620/ek036c_ef_no0004 mk5://10.88.0.66:2620:10.88.0.66/A/test_ef_no0004
m5copy -udt -m 9000 -r 800000000 -t 120 vbs://flexbuf0:2620/ek036c_ef_no0005 mk5://10.88.0.66:2620:10.88.0.66/A/test_ef_no0005
m5copy -udt -m 9000 -r 800000000 -t 120 vbs://flexbuf0:2620/ek036c_ef_no0006 mk5://10.88.0.66:2620:10.88.0.66/A/test_ef_no0006
m5copy -udt -m 9000 -r 800000000 -t 120 vbs://flexbuf0:2620/ek036c_ef_no0007 mk5://10.88.0.66:2620:10.88.0.66/A/test_ef_no0007
```

The main window's status bar shows 'Selection size: 93.36G (4 items)' on the left and 'Selection size: invalid selection' on the right.

Jive5ab Copy Manager

The screenshot displays the Jive5ab Copy Manager application. At the top, there are two selection panels. The left panel is for 'FlexBuff' on host 'All local FlexBuffs', showing disk usage: Total: 179.8T, Used: 104.6T, Free: 69.74T. The right panel is for 'Mark5' on host '10.88.0.66'. Below these is a table of selected items:

Bank	VSN	#scan	Recording	Size
A	MPI-0008/960/1024	0		0
B	JOD+0103/32000/1024	508		24.81T
		1	f1711_wb_no0001	49.97G

An 'Experiment' dialog box is open, showing configuration for a copy operation. It includes fields for Protocol (UDT), Rate (Mbps) (800), and MTU (9000). The 'Extra options' section contains the command: `-t 120` and `Rename recording [a-zA-Z0-9+]_(?P<st>[a-zA-Z0-9+]_(?P<scan>[a-zA-Z0-9+]_)* test_{st}_{scan}`. Below the options is a list of m5copy commands, with the first one highlighted in yellow: `m5copy -udt -m 9000 -r 800000000 -t 120 vbs://flexbuf0:2620/ek036c_ef_no0004 mk5://10.88.0.66:2620:10.88.0.66/A/test_ef_no0004`. The terminal shows 'Executing command 2 of 4' with a progress bar at 59% and a speed of 103.41 Mbyte/s. Buttons for 'Go' and 'Abort' are visible.

Jive5ab Copy Manager

The screenshot displays the Jive5ab Copy Manager interface. At the top, there are two selection panels. The left panel is for 'FlexBuff' with a 'Host' of 'All local FlexBuffs'. The right panel is for 'Mark5' with a 'Host' of '10.88.0.66'. Below these are 'Disk usage' statistics: Total: 179.8T, Used: 104.6T, Free: 69.74T.

A table shows the selected items:

Bank	VSN	#scan	Recording	Size
A	MPI-0008/960/1024	0		0
B	JOD+0103/32000/1024	508		24.81T
		1	f1711_wb_no0001	49.97G

A terminal window is open, showing the execution of a command:

```
flexbuf0 -> 10.88.0.66 <@ccsbeta>
```

The command being executed is:

```
m5Copy -udt -m 9000 -r 800000000 -t 120 vbs://flexbuf0:2620/ek036c_ef_no0004 mk5://10.88.0.66:2620:10.88.0.66/A/test_ef_no0004
```

The terminal shows the command is being executed 4 out of 4 times. The progress bar indicates 101.41 Mbyte/s and 99% completion. The command output is:

```
m5Copy -udt -m 9000 -r 800000000 -t 120 vbs://flexbuf0:2620/ek036c_ef_no0005 mk5://10.88.0.66:2620:10.88.0.66/A/test_ef_no0005
```

```
m5Copy -udt -m 9000 -r 800000000 -t 120 vbs://flexbuf0:2620/ek036c_ef_no0006 mk5://10.88.0.66:2620:10.88.0.66/A/test_ef_no0006
```

```
m5Copy -udt -m 9000 -r 800000000 -t 120 vbs://flexbuf0:2620/ek036c_ef_no0007 mk5://10.88.0.66:2620:10.88.0.66/A/test_ef_no0007
```

At the bottom, the 'Selection size' is 93.36G (4 items). The status bar shows 'Selection size: invalid selection'.

Jive5ab Copy Manager

Jive5ab Copy Manager <@ccsbeta>

Selection Type: FlexBuff Reload Host: All local FlexBuffs

Disk usage: Total: 179.8T Used: 104.6T Free: 69.74T

Experiment	Station	Scan	Size	FlexBuff
EG097A			3.356T	flexbuf0
EG097B			3.352T	flexbuf0
EG097C			2.850T	flexbuf0
EG097D			1.870T	flexbuf0
EH028D			228.9G	flexbuf0
EK036C			718.1G	flexbuf0
	Ef		718.1G	flexbuf0
		no0001	35.92G	flexbuf0
		no0002	10.77G	flexbuf0
		no0003	35.91G	flexbuf0
		no0004	10.77G	flexbuf0
		no0005	35.91G	flexbuf0
		no0006	10.76G	flexbuf0
		no0007	35.91G	flexbuf0
		no0008	10.76G	flexbuf0
		no0009	35.91G	flexbuf0
		no0010	10.77G	flexbuf0
		no0011	35.91G	flexbuf0
		no0012	10.77G	flexbuf0
		no0013	35.89G	flexbuf0
		no0014	28.73G	flexbuf0
		no0015	10.78G	flexbuf0
		no0016	35.91G	flexbuf0

Selection size: 93.36G (4 items)

Show file chunks

Jive5ab Copy Manager <@ccsbeta>

Selection Type: Mark5 Reload Host: 10.88.0.66

Bank	VSN	#scan	Recording	Size
A	MPI-0008/960/1024	4		93.36G
		1	test_ef_no0004	10.77G
		2	test_ef_no0005	35.91G
		3	test_ef_no0006	10.76G
		4	test_ef_no0007	35.91G
B	JOD+0103/32000/1024	?		?

Selection size: 93.36G (4 items)

Jive5ab Copy Manager

The screenshot displays the Jive5ab Copy Manager interface. At the top, there are two 'Selection' panels. The left panel is set to 'Type: FlexBuff' and 'Host: All local FlexBufs'. The right panel is set to 'Type: Mark5' and 'Host: 10.88.0.66'. Below these is a 'Disk usage' section with a table:

Bank	VSN	#scan	Recording	Size
A	MPI-0008/960/1024	4		93.36G
1	test_ef_no0004			10.77G
2	test_ef_no0005			35.91G
3	test_ef_no0006			10.76G
4	test_ef_no0007			35.91G
24	?			?

A terminal window titled 'jcm.py <@ccsbeta> <2>' is overlaid on the interface, showing the following output:

```
!scan_check? 0 : ? : ek036c_ef_no0004 : VDIF : 32 : 2017y056d16h13m32.1108s : 89.9959s : 32Mbps : 0 : 8032 ;  
!scan_check? 0 : ? : ek036c_ef_no0005 : VDIF : 32 : 2017y056d16h15m44.1074s : 300.061s : 32Mbps : 0 : 8032 ;  
!scan_check? 0 : ? : ek036c_ef_no0006 : VDIF : 32 : 2017y056d16h21m24.1620s : 89.8754s : 32Mbps : 0 : 8032 ;  
!scan_check? 0 : ? : ek036c_ef_no0007 : VDIF : 32 : 2017y056d16h23m36.0358s : 300.068s : 32Mbps : 0 : 8032 ;
```

Below the terminal, a list of files is visible, with the first four items highlighted in green:

- no0003 35.91G flexbuf0
- no0004 10.77G flexbuf1
- no0005 35.91G flexbuf2
- no0006 10.76G flexbuf3
- no0007 35.91G flexbuf4
- no0008 10.76G flexbuf5
- no0009 35.91G flexbuf6
- no0010 10.77G flexbuf7
- no0011 35.91G flexbuf8
- no0012 10.77G flexbuf9
- no0013 35.89G flexbuf10
- no0014 28.73G flexbuf11
- no0015 10.78G flexbuf12
- no0016 35.91G flexbuf13

At the bottom, the status bar shows 'Selection size: 93.36G (4 items)' and 'Show file chunks'.

- http://www.jive.eu/~jive_cc/software/jcm.html
- python2.7 and PyQt4 (python-qt4)
- jive5ab and SSH
- config.json

config.json

```
{
  "local_flexbuff": [
    {
      "user": null,
      "machine": "aribox",
      "port": 2620,
      "control_ip": "10.88.0.24",
      "data_ip": "192.42.120.101",
      "machine_type": "flexbuff"
    },
    {
      "user": "jops",
      "machine": "flexbuf0",
      "port": 2620,
      "control_ip": "10.88.0.25",
      "data_ip": "192.42.120.68",
      "machine_type": "flexbuff"
    }
  ],
  "remote_flexbuff": [
    {
      "user": "oper",
      "machine": "bogar.oso.chalmers.se",
      "port": 2621,
      "control_ip": "129.16.208.145",
      "data_ip": "129.16.208.145",
      "machine_type": "flexbuff",
      "station": "0n"
    }
  ],
  "mark5": [
    {
      "machine": "0",
      "control_ip": "10.88.0.50",
      "data_ip": "192.42.120.2",
      "port": 2620
    }
  ],
  "file": [
    {
      "user": null,
      "machine": "aribox",
      "port": 2620,
      "control_ip": "10.88.0.24",
      "data_ip": "192.42.120.101"
    },
    {
      "user": "jops",
      "machine": "flexbuf0",
      "port": 2620,
      "control_ip": "10.88.0.25",
      "data_ip": "192.42.120.68"
    },
    {
      "user": "jops",
      "machine": "0",
      "control_ip": "10.88.0.50",
      "data_ip": "192.42.120.2",
      "port": 2620
    }
  ]
}
```

Questions/comments/requests?

`http://www.jive.eu/~jive_cc/software/jcm.html`

`elderling@jive.eu`