How to restart the coupling MBS/NARVAL User level

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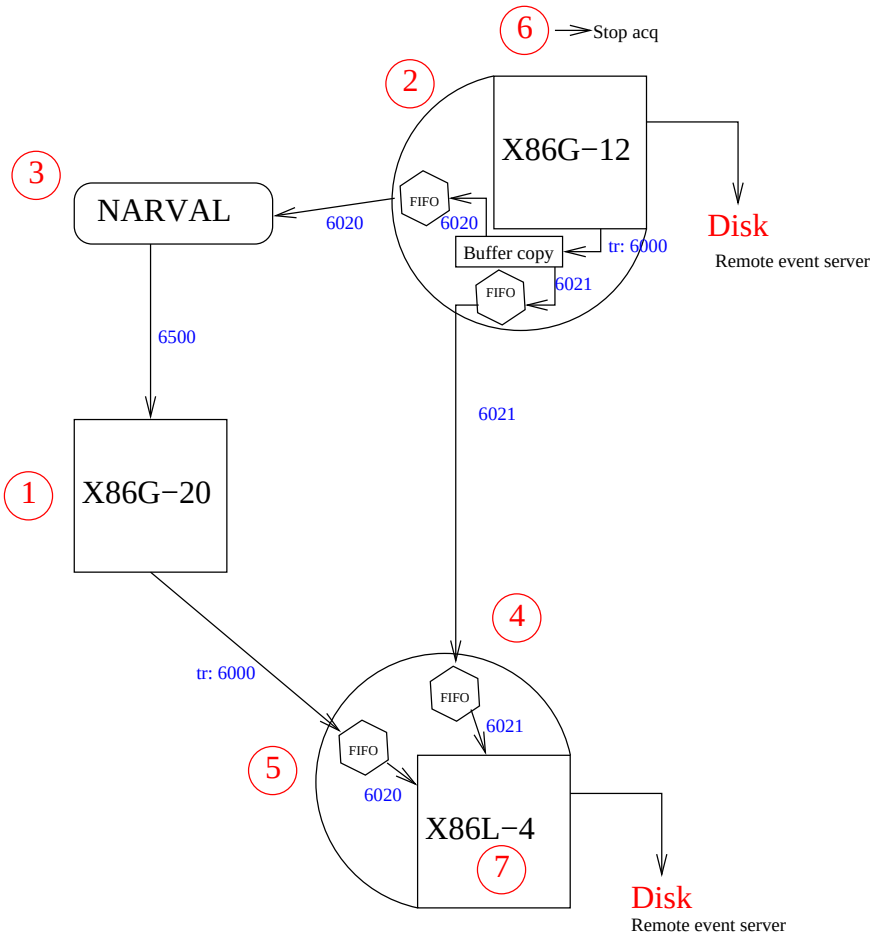

Figure 1: Scheme of the DAQ coupling between MBS and NARVAL

The scheme of the two DAQ coupling in given in the figure 1. From a running mbs system, on `X86G-12` one has to follow the order 1 to 6 in order to restart the coupling of the two data acquisition.

1. Start the receiver on `X86G-20`
   In the folder `apr_2012/agata_receiver/`start a mbs:
   `>resl`
   `>mbs`
   `@startup`

2. Start the buffer copy with FIFO on the mbs event builder `X86G-12`
   In the folder `apr_2012/buf_cop/`start:

   ```
   buf_cop_fifo_x86_Lynx X86G-12 -tr
   ```

3. Launch Narval with the good parameters.

4. Start the buffer receiver FIFO (MBS) on the time sorter `X86L-4`
   In the folder `apr_2012/buf_cop/`start:

   ```
   buf_rec_fifo_x86_Linux X86G-12 -bc2 -po 6021
   ```

5. Start the second buffer receiver (NARVAL) FIFO on the time sorter `X86L-4`
   In the folder `apr_2012/buf_cop/`start:

   ```
   buf_rec_fifo_x86_Linux X86G-20 -tr -po 6020
   ```

6. Stop the main acquisition (event builder):
   `r4-6::stop acq`

7. Start the time sorter on `X86L-4`
   In the folder `apr_2012/sorter/`start a mbs:
   `>resl`
   `>mbs`
   `@startup`

8. Start the main acquisition (event builder):
   `r4-6::start acq`

Remarks:

- **The remote event server can run on any event builder and also on the time sorter.**

- **The file are opened on the event builder. It can also be opened on the time sorter. It is recommended to use two different rfio.**
- **The buf cop and buf rec print the status of the buffer while running. It gives the number of filled buffer. There are 1000 buffers available.**
- **The** `buf_rec_fifo_x86` **Lynx and Linux have the same parameters:**

```
buf_rec_fifo_x86_Linux [COMPUTER] -[TYPE OF DATA SENT]
   -po [WHERE TO SEND DATA]
```