If you see one of the following errors:

[ERROR] 2013-03-06 15:27:40,134 [pbpy.smrtpipe.engine.SmrtPipeTasks run 655] > Unable to initialize environment because of error: cannot register event client. Only 99 event clients are allowed in the system

[ERROR] 2013-05-02 10:22:07,119 [pbpy.smrtpipe.engine.SmrtPipeTasks run 655] > Unable to initialize environment because of error: range\_list containes no elements

The errors occur when the number of dynamic event client processes have exceeded the limit defined in your job scheduler configuration. (Each qsub sync -y is a dynamic event client.)

The solution is to increase the value assigned to MAX\_DYN\_EC(the maximum number of dynamic event clients) in qmaster\_params. The default is 99 on some systems, but more recent versions of SGE have increased this to 500.

To get current MAX\_DYN\_EC settings:

$ qconf -sconf | grep MAX\_DYN\_EC

qmaster\_params MAX\_DYN\_EC=500

(This value may not be set on some systems.)

To set the MAX\_DYN\_EC value, for example, to 1000:

$ qconf -mconf qmaster\_params MAX\_DYN\_EC=1000

If this does **not** fix the issue, use the qsw.py script instead.

Visit the [PacBio Developer's Network Website](http://pacbiodevnet.com/) for the most up-to-date links to downloads, documentation and more.

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