Subject: Re: [PATCH v7 09/10] IPC: message queue copy feature introduced Posted by Stanislav Kinsbursky on Thu, 18 Oct 2012 12:41:34 GMT View Forum Message <> Reply to Message

>>> Is there somewhere a *detailed* description of how this feature would >>> be used? Lacking that, it's really hard to see how anything sane and >>> reliable can be done with MSG_COPY. >>> >> >> These patches are used by CRIU already. >> So, you can have a look at the CRIU source code: >> >> http://git.criu.org/?p=crtools.git ;a=blob;f=ipc_ns.c;h=9e259fefcfc04ec0556bb722921545552e1c69f 3;hb=HEAD >> >> Sanity and reliability on the level you are talking about can be achieved. >> only if you'll freeze all message users before peeking. > Okay -- that's the piece I was looking for. Thanks. > In this scenario, how do you find all of the message users? It looks like there is no way to how find these users. But I don't really think, that this is necessary. I.e. nothing protects the queue from reading by some alien (not expected) process in real life. > Or do you simply ensure that everything is frozen beforehand? > In this particular case - yes. Best regards, Stanislav Kinsbursky