Red Hat Enterprise Linux Release 9.2 Manual Pages on 'exa.4' command

$ man exa.4

EXA(4)   Kernel Interfaces Manual   EXA(4)

NAME

   exa - new 2D acceleration architecture for X.Org

DESCRIPTION

   EXA provides a simple API for video drivers to implement for 2D accel?

   eration. It is a module loaded by drivers, and is not intended to be

   loaded on its own.   See your driver's manual page for how to enable

   EXA.

   The EXA architecture is designed to make accelerating the Render exten?

   sion simple and efficient, and results in various performance tradeoffs

   compared to XAA. Some xorg.conf options are available for debugging

   performance issues or driver rendering problems. They are not intended

   for general use.

   Option "EXANoComposite" "boolean"

      Disables acceleration of the Composite operation, which is at

      the heart of the Render extension. Not related to the Composite

      extension. Default: No.

   Option "EXANoUploadToScreen" "boolean"

      Disables acceleration of uploading pixmap data to the frame?

      buffer. Default: No.

   Option "EXANoDownloadFromScreen" "boolean"

      Disables acceleration of downloading of pixmap data from the

      framebuffer. NOTE: Not usable with drivers which rely on Down?

loadFromScreen succeeding. Default: No.

Option "MigrationHeuristic" "anystr"

Chooses an alternate pixmap migration heuristic, for debugging

purposes. The default is intended to be the best performing one

for general use, though others may help with specific use cases.

Available options include "always", "greedy", and "smart".   De?

fault: always.

SEE ALSO

Xorg(1), xorg.conf(5).

AUTHORS

Authors include: Keith Packard, Eric Anholt, Zack Rusin, and Michel

D?nzer

X Version 11   xorg-server 1.20.11   EXA(4)