

The Exciting Intel DRM Driver Changes For Linux 3.15

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The highlights covered by Daniel for "neat" i915 DRM 3.15 changes include per-process address space support (currently limited to Ivy Bridge and Haswell but Bay Trail and Broadwell support is coming), fine-grained display power domain handling, runtime power management infrastructure work, support for inheriting the firmware frame-buffer as another step in Fastboot support, a lot of Broadwell patches, improved support for frame-buffer compression, 5.4GHz DisplayPort support, generic DisplayPort aux helpers, and large cursor support to benefit HiDPI displays. For Intel's 4K display support, they now support 5.4GHz DisplayPort but they don't yet support multi-stream support (MST) as most 4K DisplayPort screens expose themselves as two displays to the driver.

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