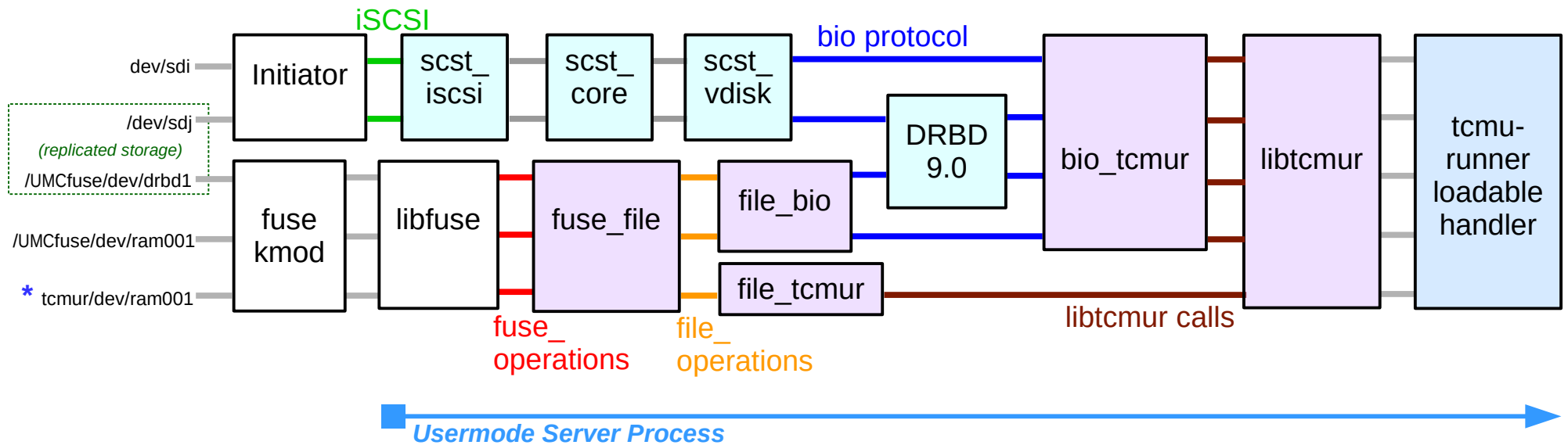# Usermode Block I/O
Some Possible Configurations

Usermode support for kernel code
MTE: Multithreaded Event Engine
UMC: Usermode Compatibility
(Linux 2.6.32 emulated kernel functions)

iSCSI

dev/sdi — Initiator — scst_iscsi — scst_core — scst_vdisk — bio protocol — bio_tcmur — libtcmur — tcmu-runner loadable handler

/dev/sdj

(replicated storage)

/UMCfuse/dev/drbd1 — fuse kmod — libfuse — fuse_file — file_bio — DRBD 9.0

/UMCfuse/dev/ram001

* tcmur/dev/ram001 — file_tcmur — libtcmur calls

fuse_operations

file_operations

Usermode Server Process

* *Bottom configuration has a simpler implementation
supporting mount of tcmu-runner backstorage
without using MTE or UMC or bio support.*

Ported From kernel | Newly Written | Repurposed

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