

NAME

__riscv_flush_icache – Flush icaches on RISC-V

LIBRARY

Standard C library (*libc*, *-lc*)

SYNOPSIS

#include <sys/cachectl.h>

int __riscv_flush_icache(void *start, void *end, unsigned long flags);

DESCRIPTION

__riscv_flush_icache() enforces ordering between stores and instruction cache fetches.

The range of addresses over which ordering is enforced is specified by *start* and *end*.

The *flags* argument controls the extent of this ordering, with the default behavior (a *flags* value of 0) being to enforce the fence on all threads in the current process. Setting the **SYS_RISCV_FLUSH_ICACHE_LOCAL** bit allows users to indicate that enforcing ordering on only the current thread is necessary. All other bits in *flags* are reserved.

STANDARDS

Linux on RISC-V.

HISTORY

Linux 4.15. glibc 2.27.

SEE ALSO

syscall(2)