falafel v2 progress

Dec 11

repo & branch: takeshiho0531/falafel-private:v2-dev

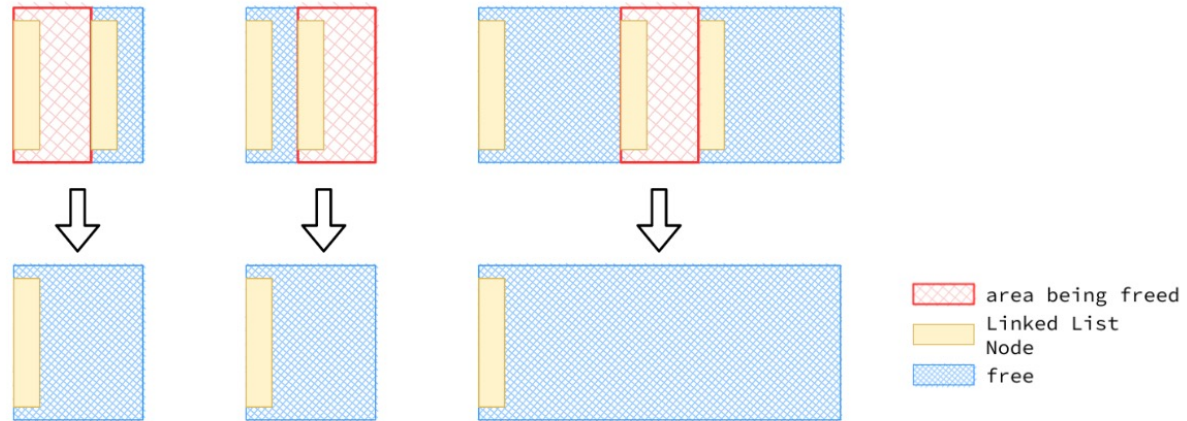progress details: dev_log.md

documents: readme.md, documents.md

Implemented Features

- first fit
- best fit

} selectable as input to *falafel*

- a feature to merge neighboring free blocks

merge with

- the right neighbor,
- left neighbor, or
- both neighbors

area being freed
Linked List Node
free

Integration into *Cohort* (simulation stage)

- allocation request
  - *swi_gc_wf_bench.c* works with or without mmu (spsc)
  - can handle multiple allocation requests of varying sizes in a row

- free request
  - can handle free requests in bare-metal settings (spsc)
  - tlb exception occurs with mmu enabled ← ??