

# falafel v2 report

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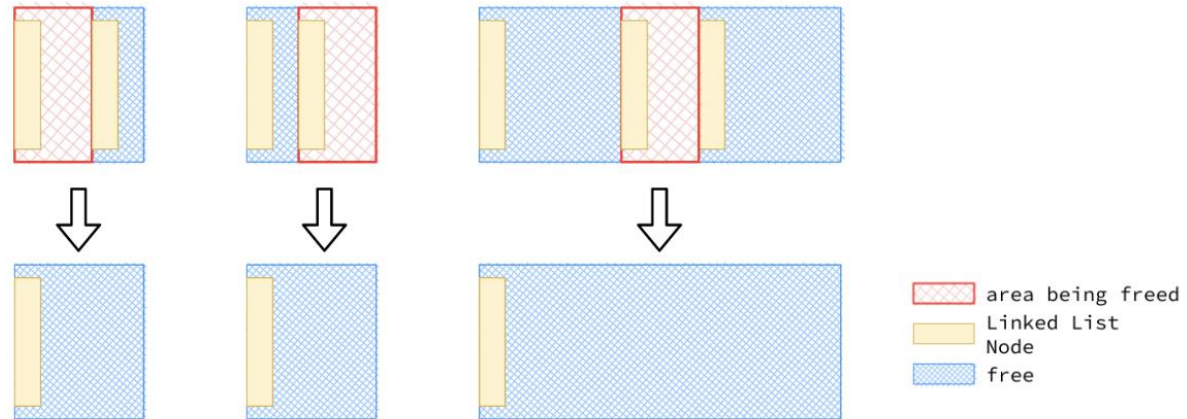
repo & branch: [takeshiho0531/falafel-private:v2-dev](https://github.com/takeshiho0531/falafel-private:v2-dev)

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



# Integration into *Cohort*

- what works on fpga
  - multiple allocation requests (spsc)
  - free request (spsc)
    - confirmed that the merging features work on fpga