

Core DiME Module

struct dime

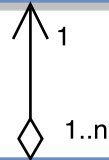
+ **dime_instances**: struct *dime_instance_struct*[100]
+ **dime_instances_size**: int

+ **register_page_replacement_policy**()
+ **deregister_page_replacement_policy**()

struct dime_instance

+ **instance_id**: int
+ **pid**: int [1000]
+ **pid_count**: int
+ **latency_ns**: ulong
+ **bandwidth_bps**: ulong
+ **local_npages**: ulong
+ **page_fault_count**: ulong
+ **prp**: struct *page_replacement_policy_struct**

+ **register_page_replacement_policy**()
+ **deregister_page_replacement_policy**()



1

Page Replacement Policy Module

struct page_replacement_policy_struct

+ **add_page**: function pointer
+ **clean**: function pointer

struct prp_fifo_struct

- **prp**: struct *page_replacement_policy_struct*
- **list_head**: struct *list_head*
- **list_size**: ulong
- **lock**: *rwlock_t*

- **add_page**()
- **clean_list**()

1

