《操作系统》课程实验报告

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| 实验名称 | 页面置换算法的模拟 | | | | | 实验序号 | 5 |
| 姓 名 | 梁煅广 | 系院专业 | 信管 | 班 级 | 10 | 学 号 | 10207180577 |
| 实验日期 | 2012年12月 | | 指导教师 | 邱文峰 | | 成 绩 |  |
| **一、实验目的和要求**  通过编程实现，加深对页面置换算法的理解 | | | | | | | |
| **二、实验预习内容**  1．《现代操作系统》  先进先出算法（FIFO）  最近最少使用算法（LRU）;  最佳淘汰算法(OPT);  最少访问页面算法(LFU);  最近最为经常使用算法(NUR); | | | | | | | |
| **三、实验设备**  配置名 配置参数  硬盘 ≥8GB  内存 ≥1GB  磁盘文件格式 NTFS, 以支持大的镜像文件  操作系统 Win32 XP +  软件 V irtualBox Red Hat Linux Server ISO安装软件包 | | | | | | | |
| **四、实验内容及步骤**  4 page framesFIFO:0.5563  5 page framesFIFO:0.5719  6 page framesFIFO:0.6000  7 page framesFIFO:0.6344  8 page framesFIFO:0.6656  9 page framesFIFO:0.6844  10 page framesFIFO:0.6969  11 page framesFIFO:0.7031  12 page framesFIFO:0.7312  13 page framesFIFO:0.7625  14 page framesFIFO:0.7656  15 page framesFIFO:0.7688  16 page framesFIFO:0.7844  17 page framesFIFO:0.8156  18 page framesFIFO:0.8406  19 page framesFIFO:0.8531  20 page framesFIFO:0.8844  21 page framesFIFO:0.8969  22 page framesFIFO:0.9187  23 page framesFIFO:0.9219  24 page framesFIFO:0.9250  25 page framesFIFO:0.9250  26 page framesFIFO:0.9250  27 page framesFIFO:0.9250  28 page framesFIFO:0.9250  29 page framesFIFO:0.9250  30 page framesFIFO:0.9250  31 page framesFIFO:0.9250  32 page framesFIFO:0.9250  4 page framesLRU:0.5500  5 page framesLRU:0.5781  6 page framesLRU:0.6219  7 page framesLRU:0.6469  8 page framesLRU:0.6563  9 page framesLRU:0.6781  10 page framesLRU:0.7063  11 page framesLRU:0.7188  12 page framesLRU:0.7344  13 page framesLRU:0.7625  14 page framesLRU:0.7813  15 page framesLRU:0.7969  16 page framesLRU:0.8094  17 page framesLRU:0.8156  18 page framesLRU:0.8344  19 page framesLRU:0.8594  20 page framesLRU:0.8875  21 page framesLRU:0.9094  22 page framesLRU:0.9125  23 page framesLRU:0.9187  24 page framesLRU:0.9250  25 page framesLRU:0.9250  26 page framesLRU:0.9250  27 page framesLRU:0.9250  28 page framesLRU:0.9250  29 page framesLRU:0.9250  30 page framesLRU:0.9250  31 page framesLRU:0.9250  32 page framesLRU:0.9250  4 page framesOPT:0.6000  5 page framesOPT:0.6188  6 page framesOPT:0.6344  7 page framesOPT:0.6594  8 page framesOPT:0.7031  9 page framesOPT:0.7250  10 page framesOPT:0.7406  11 page framesOPT:0.7750  12 page framesOPT:0.7969  13 page framesOPT:0.8094  14 page framesOPT:0.8313  15 page framesOPT:0.8469  16 page framesOPT:0.8656  17 page framesOPT:0.8812  18 page framesOPT:0.9000  19 page framesOPT:0.9094  20 page framesOPT:0.9156  21 page framesOPT:0.9187  22 page framesOPT:0.9250  23 page framesOPT:0.9250  24 page framesOPT:0.9250  25 page framesOPT:0.9250  26 page framesOPT:0.9250  27 page framesOPT:0.9250  28 page framesOPT:0.9250  29 page framesOPT:0.9250  30 page framesOPT:0.9250  31 page framesOPT:0.9250  32 page framesOPT:0.9250  4 page framesLFU:0.5500  5 page framesLFU:0.5813  6 page framesLFU:0.6031  7 page framesLFU:0.6438  8 page framesLFU:0.6719  9 page framesLFU:0.6969  10 page framesLFU:0.7188  11 page framesLFU:0.7500  12 page framesLFU:0.7594  13 page framesLFU:0.7719  14 page framesLFU:0.7813  15 page framesLFU:0.8031  16 page framesLFU:0.8187  17 page framesLFU:0.8344  18 page framesLFU:0.8688  19 page framesLFU:0.8844  20 page framesLFU:0.8969  21 page framesLFU:0.9156  22 page framesLFU:0.9187  23 page framesLFU:0.9219  24 page framesLFU:0.9250  25 page framesLFU:0.9250  26 page framesLFU:0.9250  27 page framesLFU:0.9250  28 page framesLFU:0.9250  29 page framesLFU:0.9250  30 page framesLFU:0.9250  31 page framesLFU:0.9250  32 page framesLFU:0.9250  4 page framesNRU:0.5563  5 page framesNRU:0.5969  6 page framesNRU:0.6062  7 page framesNRU:0.6406  8 page framesNRU:0.6687  9 page framesNRU:0.6813  10 page framesNRU:0.7031  11 page framesNRU:0.7344  12 page framesNRU:0.7562  13 page framesNRU:0.7531  14 page framesNRU:0.7594  15 page framesNRU:0.7813  16 page framesNRU:0.8094  17 page framesNRU:0.8094  18 page framesNRU:0.8594  19 page framesNRU:0.8625  20 page framesNRU:0.8688  21 page framesNRU:0.9031  22 page framesNRU:0.9031  23 page framesNRU:0.9156  24 page framesNRU:0.9250  25 page framesNRU:0.9250  26 page framesNRU:0.9250  27 page framesNRU:0.9250  28 page framesNRU:0.9250  29 page framesNRU:0.9250  30 page framesNRU:0.9250  31 page framesNRU:0.9250  32 page framesNRU:0.9250  请按任意键继续. . . | | | | | | | |
| **五、实验结果、分析与心得** | | | | | | | |
| **教师评语：**  **成绩:**  **教师签字：** | | | | | | | |