## Linux 0.11内存可视化方案

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## 基建: Logger

- 自定义指令: emit id
- 扩展bochs-debugger
  - 添加python扩展功能
  - 使用Python写EventHandler(id, ctx)

```
or or "/ ( ασεσοσει stripteoz, αλοροσσειαστεστοι ς,
OF 32 */ { &decoder_simple32, BxOpcodeTable0F32 },
OF 33 */ { &decoder simple32, BxOpcodeTable0F33 },
OF 34 */ { &decoder simple32, BxOpcodeTable0F34 },
0F 35 */ { &decoder simple32, Bx0pcodeTable0F35 },
OF 36 */ { &decoder ud32, NULL },
OF 37 */ { &decoder simple32, BxOpcodeTable0F37 },
OF 38 */ { &decoder ud32, NULL },
                                           // 3-byte esca
OF 39 */ { &decoder ud32, NULL },
                                           // 3-byte esca
ME 34 */ { &decoder ud32 NIII }
OF 3B */ { &decoder ud32, NULL },
OF 3C */ { &decoder ud32, NULL },
OF 3D */ { &decoder_ud32, NULL },
OF 3E */ { &decoder ud32, NULL },
OF 3F */ { &decoder ud32, NULL },
OF 41 */ { &decoder_modrm32, BxOpcodeTable0F41 },
OF 42 */ { &decoder modrm32, BxOpcodeTable0F42 },
OF 43 */ { &decoder modrm32, BxOpcodeTable0F43 },
OF 44 */ { &decoder modrm32, BxOpcodeTable0F44 },
OF 45 */ { &decoder modrm32, BxOpcodeTable0F45 },
OF 46 */ { &decoder modrm32, BxOpcodeTable0F46 },
OF 47 */ { &decoder_modrm32, BxOpcodeTable0F47 },
OF 48 */ { &decoder modrm32, BxOpcodeTable0F48 },
OF 49 */ { &decoder modrm32. BxOpcodeTableOF49 }.
```

## MM DIY

- 扩大内核支持的物理内存大小
- 内核内存分配策略: Buddy、Slab
- mmap
- Swap
  - Simple
  - LRU Bochs
  - ...