

wine: mapping memory problems

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hi, all.

in wine project there are few problems on freebsd with windows 16-bits programs.

when you'll run such program, wine will crashed with stack overflow. in fact, on freebsd wine doesn't map 1st megabyte of virtual memory, but it should.

see `./libs/wine/mmap.c ./dlls/winedos/dosmem.c ./libs/wine/ldt.c` in `dosmem.c` `DOSMEM_system` should has mapped address, but programs crashes on `memset`:

```
static void DOSMEM_FillBiosSegments(void)
{
  BYTE *pBiosSys = (BYTE*)DOSMEM_dosmem + 0xf0000;
  BYTE *pBiosROMTable = pBiosSys+0xe6f5;
  BIOSDATA *pBiosData = DOSVM_BiosData(); /* in this case *pBiosData
= (BIOSDATA *) (DOSMEM_systemem + 0x400);*/
  static const char bios_date[] = "13/01/99";

  /* Clear all unused values */
  memset( pBiosData, 0, sizeof(*pBiosData) ); /* !!crashes here!! */
  /* ... */
}
```

have you any suggestions how to resolve this problem?

beforehand 10x for help.

freebsd-hackers@xxxxxxxxxxx mailing list

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