

1:as86

as86 - Assembler for 8086..80386 processors

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SYNOPSIS

```
as86 [-0123agjuw] [-lm[list]] [-n name] [-o obj] [-b[bin]] [-s sym] [-t
textseg] src
```

```
as86_encap prog.s prog.v [prefix_] [as86 options]
```

DESCRIPTION

as86 is an assembler for the 8086..80386 processors, it's syntax is closer to the intel/microsoft form rather than the more normal generic form of the unix system assembler.

The **src** file can be '-' to assemble the standard input.

This assembler can be compiled to support the 6809 cpu and may even work.

as86_encap is a shell script to call **as86** and convert the created binary into a C file **prog.v** to be included in or linked with programs like boot block installers. The **prefix_** argument is a prefix to be added to all variables defined by the source, it defaults to the name of the source file. The variables defined include **prefix_start** **prefix_size** and **prefix_data** to define and contain the code, plus integers containing the values of all exported labels. Either or both the **prog.s** and **prog.v** arguments can be '-' for standard in/out.