

Atari DOS 2.5 Source Code from OSS ; (C) 1985 Atari, Inc. and OSS, Inc.#

TITLE "FMS - Dual Density for Atari 1050 drives (2.50)"

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This is the working source code from OSS, Inc. for the Atari DOS 2.5 system software. We deeply thank:

Paul Laughton

Mark Rose

Bill Wilkinson

for writing the software and the following users from AtariAge:

ndary

bob1200xl

ivop

Urchlay

for preserving the source code for generations to come.

How to build Atari DOS 2.5 from OSS#

First, please read these two text files and have 48 KB RAM in your Atari:

- [README.txt](#) ; Text file, which introduces all files needed to create a running DOS 2.5 disk.
- [Building the OSS DOS 2.5 sources on the Atari.txt](#) ; This is the recipe on how to do it.

Then, please go on with these disk images:

- [builddos.atr](#) ; DOS II 2.0s disk image with all files needed to create DOS 2.5 with the below given files.
- [empty.atr](#) ; Blank DOS II 2.0s formatted disk-image to work with the above files.
- [mac65102.car](#) ; MAC/65 Version 1.02 cartridge to read in the above MAC/65-files. Many thanks to AtariGeezer from AtariAge for giving us that rare to find 034M-cartridge from OSS.

The above image builddos.atr needs the following source files. Here we can go on in two ways:

a) the easy one:

If you have booted with the above disk image, please insert either the dossrc_a-w.atr image or the dossrc-w.atr image in drive 2 (D2:):

- [dossrc_a-w.atr](#) ; Working source code for building the FMS (File Management System -> DOS.SYS-file) on an SD ATR-image with MAC/65-files.
- [dossrc_b-w.atr](#) ; Working source code for building the DUP.SYS-file on an SD ATR-image with MAC/65-files.
- [dossrc-w.atr](#) ; Same as the both images above, but on just a single DD ATR-image with DOS 2.0D.

Then type:

```
LOAD #D2:FMS.M65
```

```
ASM
```

You should receive the following figure:

Successful assembled source code for the creation of DOS.SYS

Then insert either the dossrc_b-w.atr image or leave the dossrc-w.atr image in drive 2 (D2:):

Then type:

```
LOAD #D2:DUP.M65
```

```
ASM
```

You should receive the following figure:

Successful assembled source code for the creation of DUP.SYS

Congratulations! You have created the object code for building DOS 2.5. :-)))

On how to go on further, please read the recipe above.

b) the hard one:

The way is the same as in example a), except, that the below given original source files:

- [dossrc_a.atr](#) ; Original source code for building the FMS (File Management System -> DOS.SYS-file) on an SD ATR-image with MAC/65-files.
- [dossrc_b.atr](#) ; Original source code for building the DUP.SYS-file on an SD ATR-image with MAC/65-files.
- [dossrc.atr](#) ; Same as the both images above, but on just a single DD ATR-image with DOS 2.0D.

have to be patched to actually work. Please read the recipe above on how to this.