SIO2USB-Tool-Collection

In addition to the described 'utilities' in the SIO2USB manual, there are other tools that we want to introduce you here.

ATR-Tool Suite

The PC tool for testing and correcting of ATR files, described in section 7.3 of the manual has been enhanced and is now available as version 2.0 (atrhelp_V200.zip). It runs on all Windows versions from Windows 98 on.
With this tool it is possible to check files and entire directories of ATR files and correct them if necessary. The original files are retained as _org.ATR. Furthermore, with the tool menu new ATR files of any size can be created or XEX files converted to ATR files directory-wide.
You'll find it in the SYS directory of the supplied USB mass storage device.

YASH

YASH is written by Stefan Dorndorf as a Shell alternative for SIO2USB. The tool is located with the file name YASH.COM on the image S2USHELL.ATR. A detailed manual is provided as PDF file in the subdirectory of SYS on the USB mass storage device.

ATRCopyCenter

Manual on rear side

ATRCopyCenter

The ATRCopyCenter is a program written by Carsten Strotmann specifically for the SIO2USB. With it, it is possible to copy a large number of 5 ¼ inch ATARI floppy disks quickly and efficiently and save them as ATR files.
In addition to a SIO2USB and an 8-bit Atari computer, a 5 ¼ inch ATARI floppy disk station (e.g. Atari 800, Atari 1050 or Atari XF 551) is required.

The tool automatically detects the density of the located in the Atari disk drive and creates automatically an ATR file matching to the density of the disk. In this case, the file name can be specified either manually or automatically. The numbering and labeling of the disk side as name of the generated image file is automatically performed.
The tool is located in the directory SYS of the supplied USB mass storage device.

Step by step instruction:
1. Switch off the ATARI computer
2. Connect the ATARI floppy and the SIO2USB to the ATARI computer
3. Switch off the disk drive and configure it to D1
4. Connect the USB mass storage device to the SIO2USB
5. Mount the S2USHELL as D1 on the SIO2USB and boot the ATARI computer (keep disk drive off)
6. Use the DOS command to switch to Turbo DOS
7. LOA DISKCOPY.COM starts the ATRCopyCenter
8. Disable D1 with the SIO2USB keys (see SIO2USB documentation)
9. Switch on the disk drive, insert the disk to be copied and close the drive latch
10. Optionally press key 1 on the ATARI to show the number of sectors and the density of the disk
11. If needed press key S on the ATARI to show a detailed information about the disk drive and the inserted disk (press H to return to menu)
12. SPACE starts the copy process
13. The created file is stored with the shown name at the root of the USB mass storage drive
14. If required put the backside or an other disk into the drive (the filename will be automatically changed)
15. SPACE starts the copy process again (the density and the number of sectors are automatically detected and shown)