

## Текущее состояние проекта

Проект osFree находится в состоянии глубокой альфа-версии. На данный момент osFree ведет работу над низкоуровневыми частями ОСб такими как загрузчик, экспериментальный проект OS/2 personality для микроядра L4. Также, у нас есть часть утилит командной строки, таких как CMD.EXE и утилиты обслуживания дисков и файлов.

На данный момент множество утилит уже готово (написано участниками проекта или адаптировано из других проектов). В основном, за это мы должны быть благодарны JP Software за исходные коды их командного процессора 4OS2 и Bartosz Tomasik за большинство других утилит командной строки. Также мы благодарны всем тем, чьи исходные тексты были использованы в проекте, напрямую или косвенно. Но здесь все еще осталось очень много работы.

However, don't limit yourself to command line tools. If you're interested in developing a kernel loader (some source exists), kernel, device drivers, or other parts of the osFree system, you are welcome to work on them! We will be glad to see you as an osFree developer!

We have a [dotProject](#) management system installed on this server to maintain the status of osFree. Currently this system is not integrated into DokuWiki, and is open to anyone logged into the guest account.

### osFree roadmap

For osFree development plan, milestones (passed ones, current ones and the correspondence of them to system versions, see osFree [roadmap](#))

### Completeness/status of each component

Here is each small component status:

| System part           | System subpart   | Status | License | Developers                            | To Do |
|-----------------------|--|--------|---------|---------------------------------------|-------|
| osFree art            | osFree logo  | Done   | osFree  | Cristiano Guadagnino, Alex Kramer     |       |
| Global shared code    | dynamic lists/dynamic stacks code                        | Done   | osFree  | Cristiano Guadagnino                  |       |
|                       | messaging functions                                      | Done   | osFree  | Henk Kelder, Bartosz Tomasik          |       |
|                       | path manipulation code                                   | Done   | osFree  | Bartosz Tomasik                       |       |
|                       | disk info functions                                      | Done   | osFree  | Bartosz Tomasik                       |       |
|                       | file system functions                                    | Done   | osFree  | Bartosz Tomasik                       |       |
| CLI tools shared code | directory-tree recurse helper functions                  | Done   | osFree  | Cristiano Guadagnino, Bartosz Tomasik |       |
|                       | messaging functions                                      | Done   | osFree  | Cristiano Guadagnino, Bartosz Tomasik |       |
|                       | filesystem functions                                     | Done   | osFree  | Bartosz Tomasik                       |       |
| Documentation         | shared code, calling 16-bit dynamically loaded functions | Done   | osFree  | Michal Necasek                        |       |
|                       | Build Level Information                                  | Done   | osFree  | Yuri Prokushev                        |       |

| System part | System subpart | Status    | License | Developers  | To Do |
|-------------|----------------|-----------|---------|-------------|-------|
| CMD.EXE     | Extension      |           | 4052    | JP Software |       |
|             | ACTIVATE       |           | 4052    | JP Software |       |
|             | ALIAS          |           | 4052    | JP Software |       |
|             | BEEP           |           | 4052    | JP Software |       |
|             | CALL           | Done      | 4052    | JP Software |       |
|             | CANCEL         |           | 4052    | JP Software |       |
|             | CASE           |           | 4052    | JP Software |       |
|             | CD             | Done      | 4052    | JP Software |       |
|             | CDD            |           | 4052    | JP Software |       |
|             | CHCP           | Done      | 4052    | JP Software |       |
|             | CHDIR          | Done      | 4052    | JP Software |       |
|             | COLOR          |           | 4052    | JP Software |       |
|             | COPY           | Done      | 4052    | JP Software |       |
|             | DATE           | Done      | 4052    | JP Software |       |
|             | DEFAULT        |           | 4052    | JP Software |       |
|             | DEL            | Done      | 4052    | JP Software |       |
|             | DELAY          |           | 4052    | JP Software |       |
|             | DESCRIBE       |           | 4052    | JP Software |       |
|             | DETACH         | Done      | 4052    | JP Software |       |
|             | DIR            | Done      | 4052    | JP Software |       |
|             | DIRHISTORY     |           | 4052    | JP Software |       |
|             | DIRS           |           | 4052    | JP Software |       |
|             | DO             |           | 4052    | JP Software |       |
|             | DPATH          | Done      | 4052    | JP Software |       |
|             | DRAWBOX        |           | 4052    | JP Software |       |
|             | DRAWHLIN       |           | 4052    | JP Software |       |
|             | DRAWVLINE      |           | 4052    | JP Software |       |
|             | ECHO           | Done      | 4052    | JP Software |       |
|             | ECHOERR        | Extension | 4052    | JP Software |       |
|             | ECHOS          |           | 4052    | JP Software |       |
|             | ECHOSERR       |           | 4052    | JP Software |       |
|             | ENDLOCAL       | Done      | 4052    | JP Software |       |
|             | ENDSWITCH      |           | 4052    | JP Software |       |
|             | ERASE          | Done      | 4052    | JP Software |       |
|             | ESET           |           | 4052    | JP Software |       |
|             | EXCEPT         |           | 4052    | JP Software |       |
|             | EXIT           | Done      | 4052    | JP Software |       |
|             | FFIND          |           | 4052    | JP Software |       |
|             | FOR            | Done      | 4052    | JP Software |       |
|             | FREE           |           | 4052    | JP Software |       |
|             | GLOBAL         |           | 4052    | JP Software |       |
|             | GOSUB          |           | 4052    | JP Software |       |
|             | GOTO           | Done      | 4052    | JP Software |       |
|             | HELP           | Done      | 4052    | JP Software |       |
|             | HISTORY        |           | 4052    | JP Software |       |
|             | IF             | Done      | 4052    | JP Software |       |
|             | IFF            |           | 4052    | JP Software |       |
|             | INKEY          |           | 4052    | JP Software |       |
|             | INPUT          |           | 4052    | JP Software |       |
|             | KEYBD          |           | 4052    | JP Software |       |
|             | KEYS           | Done      | 4052    | JP Software |       |
|             | KEYSTACK       | Extension | 4052    | JP Software |       |
|             | LIST           |           | 4052    | JP Software |       |
|             | LOADBTM        |           | 4052    | JP Software |       |
|             | LOG            |           | 4052    | JP Software |       |
|             | MEMORY         |           | 4052    | JP Software |       |
|             | MOVE           | Done      | 4052    | JP Software |       |
|             | ON             |           | 4052    | JP Software |       |
|             | OPTION         |           | 4052    | JP Software |       |
|             | PATH           | Done      | 4052    | JP Software |       |
|             | PAUSE          | Done      | 4052    | JP Software |       |
|             | POPD           |           | 4052    | JP Software |       |
|             | PROMPT         | Done      | 4052    | JP Software |       |
|             | PUSHD          |           | 4052    | JP Software |       |
|             | QUIT           |           | 4052    | JP Software |       |
|             | RD             | Done      | 4052    | JP Software |       |
|             | REBOOT         |           | 4052    | JP Software |       |
|             | REM            | Done      | 4052    | JP Software |       |
|             | REN            | Done      | 4052    | JP Software |       |
|             | RENAME         | Done      | 4052    | JP Software |       |
|             | RETURN         |           | 4052    | JP Software |       |
|             | RMDIR          | Done      | 4052    | JP Software |       |
|             | SCREEN         |           | 4052    | JP Software |       |
|             | SCRPUT         |           | 4052    | JP Software |       |
|             | SELECT         |           | 4052    | JP Software |       |
|             | SET            | Done      | 4052    | JP Software |       |
|             | SETDOS         |           | 4052    | JP Software |       |
|             | SETLOCAL       | Done      | 4052    | JP Software |       |
|             | SHIFT          | Done      | 4052    | JP Software |       |
|             | SHRALIAS       |           | 4052    | JP Software |       |
|             | START          | Done      | 4052    | JP Software |       |
|             | SWITCH         | Extension | 4052    | JP Software |       |
|             | TEE            |           | 4052    | JP Software |       |
|             | TEXT           |           | 4052    | JP Software |       |
|             | TIME           | Done      | 4052    | JP Software |       |
|             | TIMER          |           | 4052    | JP Software |       |
|             | TITLE          |           | 4052    | JP Software |       |
|             | TOUCH          |           | 4052    | JP Software |       |
|             | TYPE           | Done      | 4052    | JP Software |       |
|             | UNALIAS        |           | 4052    | JP Software |       |
|             | UNSET          |           | 4052    | JP Software |       |
|             | VERIFY         | Done      | 4052    | JP Software |       |
|             | VSCRPUT        |           | 4052    | JP Software |       |
|             | WINDOW         |           | 4052    | JP Software |       |
|             | Y              |           | 4052    | JP Software |       |

| System part      | System subpart | Status   | License | Developers                             | To Do                           |
|------------------|----------------|----------|---------|--|---------------------------------|
|                  | ANSI           | Done     | osFree  | John Martin Alfredsson                 |                                 |
|                  | ATTRIB         | Done     | osFree  | Bartosz Tomasiak                       |                                 |
|                  | BACKUP         | None     |         |  |                                 |
|                  | BLDLEVEL       | Done     | osFree  | Yuri Prokushev                         |                                 |
|                  | CHKDSK         | Done     | osFree  | Bartosz Tomasiak                       |                                 |
|                  | COMP           | None     | GPL     | Knut St. Osmundsen                     | Port to OpenWatcom, Finish tool |
|                  | CLS            | Done     | osFree  | Bartosz Tomasiak                       |                                 |
|                  | DISKCOMP       | None     | GPL     | Eric Auer, Michal Meller               | Port to OS/2                    |
|                  | DISKCOPY       | None     |         |  |                                 |
|                  | DTRACE         | None     |         |  |                                 |
|                  | EAUTIL         | None     |         |  |                                 |
|                  | EJECT          | Done     | osFree  | Bartosz Tomasiak                       |                                 |
|                  | FDISK          | Done     | osFree  | Yuri Prokushev                         |                                 |
|                  | FINDDISK       | None     | GPL     | Jim Hall                               | Port to OS/2                    |
|                  | FORMAT         | Done     | osFree  | Bartosz Tomasiak                       |                                 |
|                  | FSACCESS       | None     |         |  |                                 |
|                  | HELPMSG        | Done     | osFree  | Yuri Prokushev                         |                                 |
|                  | KEYB           | None     |         |  |                                 |
|                  | LABEL          | Done     | osFree  | Bartosz Tomasiak                       |                                 |
|                  | LVM            | None     |         |  |                                 |
|                  | MAKEINI        | None     | GPL     | Ulrich Moeller                         | Port to OpenWatcom              |
|                  | MD             | Done     | osFree  | Bartosz Tomasiak                       |                                 |
|                  | MKDIR          | Done     | osFree  | Bartosz Tomasiak                       |                                 |
|                  | MKMSGF         | None     |         |  |                                 |
| CLI tools        | MODE           | None     |         |  |                                 |
|                  | MORE           | Done     | Public  | Stephen Lacy                           |                                 |
|                  | PATCH          | None     |         |  |                                 |
|                  | PDUMPSYS       | None     |         |  |                                 |
|                  | PDUMPUSR       | None     |         |  |                                 |
|                  | PFILES         | None     |         |  |                                 |
|                  | PRINT          | None     |         |  |                                 |
|                  | PROCDUMP       | None     |         |  |                                 |
|                  | PSTAT          | None     |         |  |                                 |
|                  | RECOVER        | Done     | osFree  | Bartosz Tomasiak                       |                                 |
|                  | REPLACE        | None     |         |  |                                 |
|                  | RESTORE        | None     |         |  |                                 |
|                  | SORT           | None     | GPL     | Eric Auer, Jim Lynch                   | Port to OpenWatcom              |
|                  | SPOOL          | None     |         |  |                                 |
|                  | STRACE         | None     |         |  |                                 |
|                  | SYSINSTX       | Done     | osFree  | Bartosz Tomasiak                       |                                 |
|                  | SYSLEVEL       | None     |         |  |                                 |
|                  | TRACE          | None     |         |  |                                 |
|                  | TRAPDUMP       | None     |         |  |                                 |
|                  | TREE           | Done     | osFree  | Cristiano Guadagnino, Bartosz Tomasiak |                                 |
|                  | TRSPPOOL       | None     |         |  |                                 |
|                  | UNDELETE       | None     |         |  |                                 |
|                  | XCOPY          | None     | GPL     | Vitus Jensen                           | Port to OpenWatcom, Finish tool |
|                  | VER            | Done     | osFree  | Bartosz Tomasiak                       |                                 |
|                  | VMDISK         | None     |         |  |                                 |
|                  | VOL            | Done     | osFree  | Bartosz Tomasiak                       |                                 |
| Classic REXX     | REGINA.DLL     | Done     | LGPL    | Anders Christensen, Mark Hessling      |                                 |
|                  | REXX.DLL       | Done     | LGPL    | Yuri Prokushev                         |                                 |
|                  | REXXAPI.DLL    | Done     | LGPL    | Yuri Prokushev                         |                                 |
|                  | REXXUTIL.DLL   | None     | MPL     | Patrick TJ McPhee                      | Port to OS/2                    |
| CPI              | DOSCALLS.DLL   | None     |         |  |                                 |
|                  | KBDCALLS.DLL   | Done     | osFree  | Yuri Prokushev                         |                                 |
|                  | MOUCALLS.DLL   | Done     | osFree  | Yuri Prokushev                         |                                 |
|                  | MSG.DLL        | Done     | osFree  | Yuri Prokushev                         |                                 |
|                  | NLS.DLL        | Done     | osFree  | Yuri Prokushev                         |                                 |
|                  | QUECALLS.DLL   | Done     | osFree  | Yuri Prokushev                         |                                 |
|                  | SESMGR.DLL     | Done     | osFree  | Yuri Prokushev                         |                                 |
|                  | VIOCALLS.DLL   | Done     | osFree  | Yuri Prokushev                         |                                 |
| SOM              | SOM.DLL        | None     |         |  |                                 |
| DSOM             | SOMD.DLL       | None     |         |  |                                 |
| Object REXX      |                | None     |         |  |                                 |
| MDOS CLI tools   | APPEND         | None     |         |  |                                 |
|                  | ASSIGN         | None     |         |  |                                 |
|                  | COMMAND        | None     |         |  |                                 |
|                  | JOIN           | None     |         |  |                                 |
|                  | MEM            | None     |         |  |                                 |
|                  | SUBST          | None     |         |  |                                 |
|                  | GRAFTABL       | None     |         |  |                                 |
| IPF API          | HELPMGR.DLL    | Done     | GPL     | NewView project                        |                                 |
| PM tools         | VIEW           | Done     | GPL     | NewView project                        |                                 |
|                  | FFSTCONF       | None     |         |  |                                 |
|                  | FFSTPCT        | None     |         |  |                                 |
|                  | SYSLOG         | None     |         |  |                                 |
|                  | TRACEFMT       | None     |         |  |                                 |
|                  | DDINSTAL       | None     |         |  |                                 |
| MM tools         | PICVIEW        | None     |         |  |                                 |
| TCP/IP           |                | None     |         |  |                                 |
| TCP/IP CLI tools | PING           | None     | BSD     | Patrick Haller, Yuri Prokushev         |                                 |
|                  | TRACERTE       | None     | BSD     | Patrick Haller                         | Port to OpenWatcom              |
| CMD.EXE          | ATTRIB         | Obsolete | 4052    | JP Software                            |                                 |
|                  | CLS            | Obsolete | 4052    | JP Software                            |                                 |
|                  | MD             | Obsolete | 4052    | JP Software                            |                                 |
|                  | MKDIR          | Obsolete | 4052    | JP Software                            |                                 |
|                  | VOL            | Obsolete | 4052    | JP Software                            |                                 |
|                  | TREE           | Obsolete | 4052    | JP Software                            |                                 |
|                  | VER            | Obsolete | 4052    | JP Software                            |                                 |

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