

Current Status

osFree project is deep in the alpha stage. At the present time the osFree project work with low-level parts of operating system like loader and related tools. We also try to develop an experimental prototype of OS/2 personality for L4 microkernel. Also we have set of command line tools like CMD.EXE and file/disk maintenance utilities.

For now a lot of tools are already finished (mainly thanks to JP Software for their 4OS2 command processor sources and Bartosz Tomasik for most of other command line tools. Also thanks to those who contributed directly or indirectly their sources). But there's still a lot to do.

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!

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	
	directory-tree recurse helper functions	Done	osFree	Cristiano Guadagnino, Bartosz Tomasik	
CLI tools shared code	messaging functions	Done	osFree	Cristiano Guadagnino, Bartosz Tomasik	
	filesystem functions	Done	osFree	Bartosz Tomasik	
	shared code, calling 16-bit dynamically loaded functions	Done	osFree	Michal Necasek	
Documentation	Build Level Information	Done	osFree	Yuri Prokushev	

System part	System subpart	Status	License	Developers	To Do
CMD.EXE	Extension		40S2	JP Software	
	ACTIVATE		40S2	JP Software	
	ALIAS		40S2	JP Software	
	BEEP		40S2	JP Software	
	CALL	Done	40S2	JP Software	
	CANCEL		40S2	JP Software	
	CASE		40S2	JP Software	
	CD	Done	40S2	JP Software	
	CDD		40S2	JP Software	
	CHCP	Done	40S2	JP Software	
	CHDIR	Done	40S2	JP Software	
	COLOR		40S2	JP Software	
	COPY	Done	40S2	JP Software	
	DATE	Done	40S2	JP Software	
	DEFAULT		40S2	JP Software	
	DEL	Done	40S2	JP Software	
	DELAY		40S2	JP Software	
	DESCRIBE		40S2	JP Software	
	DETACH	Done	40S2	JP Software	
	DIR	Done	40S2	JP Software	
	DIRHISTORY		40S2	JP Software	
	DIRS		40S2	JP Software	
	DO		40S2	JP Software	
	DPATH	Done	40S2	JP Software	
	DRAWBOX		40S2	JP Software	
	DRAWHLINE		40S2	JP Software	
	DRAWVLINE		40S2	JP Software	
	ECHO	Done	40S2	JP Software	
	ECHOERR	Extension	40S2	JP Software	
	ECHOS		40S2	JP Software	
	ECHOSERR		40S2	JP Software	
	ENDLOCAL	Done	40S2	JP Software	
	ENDSWITCH		40S2	JP Software	
	ERASE	Done	40S2	JP Software	
	ESET		40S2	JP Software	
	EXCEPT		40S2	JP Software	
	EXIT	Done	40S2	JP Software	
	FFIND		40S2	JP Software	
	FOR	Done	40S2	JP Software	
	FREE		40S2	JP Software	
	GLOBAL		40S2	JP Software	
	GOSUB		40S2	JP Software	
	GOTO	Done	40S2	JP Software	
	HELP	Done	40S2	JP Software	
	HISTORY		40S2	JP Software	
	IF	Done	40S2	JP Software	
	IFF		40S2	JP Software	
	INKEY		40S2	JP Software	
	INPUT		40S2	JP Software	
	KEYBD		40S2	JP Software	
	KEYS	Done	40S2	JP Software	
	KEYSTACK	Extension	40S2	JP Software	
	LIST		40S2	JP Software	
	LOADBTM		40S2	JP Software	
	LOG		40S2	JP Software	
	MEMORY		40S2	JP Software	
	MOVE	Done	40S2	JP Software	
	ON		40S2	JP Software	
	OPTION		40S2	JP Software	
	PATH	Done	40S2	JP Software	
	PAUSE	Done	40S2	JP Software	
	POPD		40S2	JP Software	
	PROMPT	Done	40S2	JP Software	
	PUSHD		40S2	JP Software	
	QUIT		40S2	JP Software	
	RD	Done	40S2	JP Software	
	REBOOT		40S2	JP Software	
	REM	Done	40S2	JP Software	
	REN	Done	40S2	JP Software	
	RENAME	Done	40S2	JP Software	
	RETURN		40S2	JP Software	
	RMDIR	Done	40S2	JP Software	
	SCREEN		40S2	JP Software	
	SCRPUT		40S2	JP Software	
	SELECT		40S2	JP Software	
	SET	Done	40S2	JP Software	
	SETDOS		40S2	JP Software	
	SETLOCAL	Done	40S2	JP Software	
	SHIFT	Done	40S2	JP Software	
	SHRALIAS		40S2	JP Software	
	START	Done	40S2	JP Software	
	SWITCH	Extension	40S2	JP Software	
	TEE		40S2	JP Software	
	TEXT		40S2	JP Software	
	TIME	Done	40S2	JP Software	
	TIMER		40S2	JP Software	
	TITLE		40S2	JP Software	
	TOUCH		40S2	JP Software	
	TYPE	Done	40S2	JP Software	
	UNALIAS		40S2	JP Software	
	UNSET		40S2	JP Software	
	VERIFY	Done	40S2	JP Software	
	VSCRPUT		40S2	JP Software	
	WINDOW		40S2	JP Software	
	Y		40S2	JP Software	

System part	System subpart	Status	License	Developers	To Do
CLI tools	ANSI	Done	osFree	John Martin Alfredsson	
	ATTRIB	Done	osFree	Bartosz Tomasik	
	BACKUP	None			
	BLDLEVEL	Done	osFree	Yuri Prokushev	
	CHKDSK	Done	osFree	Bartosz Tomasik	
	COMP	Done	GPL	Knut St. Osmundsen	
	CLS	Done	osFree	Bartosz Tomasik	
	DISKCOMP	None	GPL	Eric Auer, Michal Meller	Port to OS/2
	DISKCOPY	None			
	DTRACE	None			
	EAUTIL	None			
	EJECT	Done	osFree	Bartosz Tomasik	
	FDISK	Done	osFree	Yuri Prokushev	
	FIND	Done	GPL	Jim Hall	
	FORMAT	Done	osFree	Bartosz Tomasik	
	HELPMSG	Done	osFree	Yuri Prokushev	
	KEYB	None			
	LABEL	Done	osFree	Bartosz Tomasik	
	LVM	None			
	MAKEINI	Done	GPL	Ulrich Moeller	
	MD	Done	osFree	Bartosz Tomasik	
	MKDIR	Done	osFree	Bartosz Tomasik	
	MKMSGF	Done	GPL 2+	Michael K Greene, Yuri Prokushev, Veit Kannegieser	
	MODE	None			
	MORE	Done	Public	Stephen Lacy	
	PATCH	None			
	PDUMPSYS	None			
	PDUMPUSR	None			
	PFILES	None			
	PRINT	Done			
	PROCDUMP	None			
	PSTAT	None			
	RECOVER	Done	osFree	Bartosz Tomasik	
	REPLACE	None			
	RESTORE	None			
	SORT	Done	GPL	Eric Auer, Jim Lynch	
	SPOOL	None			
	STRACE	None			
	SYSINSTX	Done	osFree	Bartosz Tomasik	
	SYSLEVEL	Done			
	TRACE	None			
	TRAPDUMP	None			
	TREE	Done	osFree	Cristiano Guadagnino, Bartosz Tomasik	
	TRSPPOOL	None			
	UNDELETE	None			
	XCOPY	Done	GPL	Vitus Jensen	
	VER	Done	osFree	Bartosz Tomasik	
	VMDISK	None			
	VOL	Done	osFree	Bartosz Tomasik	
Classic REXX	REGINA.DLL	Done	LGPL	Anders Christensen, Mark Hessling	
	REXX.DLL	Done	LGPL	Yuri Prokushev, Valery Sedletski	
	REXXAPI.DLL	Done	LGPL	Yuri Prokushev, Valery Sedletski	
	REXXUTIL.DLL	Done	MPL	Patrick TJ McPhee	
CPI	DOSCALLS.DLL	None			
	KBDSCALLS.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	
	BMSCALLS.DLL	None			
	BKSCALLS.DLL	None			
SOM	BVSCALLS.DLL	None			
	SOM.DLL	None			
	SOMC.DLL	None			
	SC.EXE	None			
	SOMCPP.EXE	Done	2-clause BSD	Kiyoshi Matsui	
	SOMIPC.EXE	None			
	SPP.EXE	Done	osFree	Yuri Prokushev	Need to check compatibility with original
	SOMOPC.EXE	None			
DSOM	SOME.DLL	None			
Object REXX	SOMD.DLL	None			
DOSKRNL	DOSKRNL	None	GPL2.0+	FreeDOS team	
FSFILTER	FSFILTER.SYSL	None			

System part	System subpart	Status	License	Developers	To Do
MDOS CLI tools	APPEND	Done	GPL2.0+	FreeDOS team Yuri Prokushev	
	ASSIGN	Done	GPL2.0+	FreeDOS team Yuri Prokushev	
	ATTRIB	Done	GPL2.0+	FreeDOS team	Rework to dual mode
	BASIC	None	GPL2.0+	BW-BASIC team	
	CHOICE	Done	GPL2.0+	FreeDOS team	Rework to dual mode
	COMMAND	Done	GPL2.0+	FreeDOS team Valery Sedletski	
	COMP	Done	MIT	FreeDOS team	Rework to dual mode
	DEBUG	Done	MIT	FreeDOS team	
	DISKCOMP	Done	GPL2.0+	FreeDOS team	
	DISKCOPY	Done	GPL2.0+	FreeDOS team	
	EDLIN	Done	GPL2.0+	FreeDOS team	
	EDIT	Done	GPL2.0+	FreeDOS team	
	EXIT_VDM	Done	osFree	Yuri Prokushev	
	FC	Done	GPL2.0+	FreeDOS team	Rework to dual mode
	FIND	Done	GPL2.0+	FreeDOS team	Rework to dual mode
	FSACCESS	None	osFree		
	GRAFTABL	Done	MIT	FreeDOS team Yuri Prokushev	
	HELP	Done	osFree		
	HELPMMSG	None	osFree		
	JOIN	None	osFree		
	LABEL	Done	GPL2.0+	FreeDOS team	
	MEM	Done	GPL2.0+	FreeDOS team	
	MORE	Done	GPL2.0+	FreeDOS team	Rework to dual mode
	MOVE	Done	GPL2.0+	FreeDOS team	Rework to dual mode
	MSD	None			
	QBASIC	None	GPL2.0+	FreeDOS team BW-BASIC Team	
	SORT	Done	GPL2.0+	FreeDOS team	Rework to dual mode
	SUBST	None	osFree		
	XCOPY	Done	GPL2.0+	FreeDOS team	Rework to dual mode
Win16 Applications	CALC	None			
	CHARMAP	None			
	CLIPBRD	Done	GPL2.0+	ReactOS project Yuri Prokushev	
	CLOCK	Done	LGPL2.1+	Wine project Yuri Prokushev	
	NOTEPAD	Done	LGPL2.1+	Wine project Yuri Prokushev	
	PIFEDIT	None			
	PROGMAN	None			
	SOL	None			
	TASKMAN	Done	osFree	Yuri Prokushev	
	WINFILE	None			
	WINHELP	None			
	WINMINE	Done	LGPL2.1+	Wine project Joshua Thielen Nathan Lineback Yuri Prokushev	
	WINVER	Done	LGPL2.1+	Wine project Yuri Prokushev	
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	Stack	None			
TCP/IP CLI tools	PING	None	BSD	Patrick Haller, Yuri Prokushev	
	TRACERTE	None	BSD	Patrick Haller	Port to OpenWatcom
CMD.EXE	ATTRIB	Obsolete	4OS2	JP Software	
	CLS	Obsolete	4OS2	JP Software	
	MD	Obsolete	4OS2	JP Software	
	MKDIR	Obsolete	4OS2	JP Software	
	VOL	Obsolete	4OS2	JP Software	
	TREE	Obsolete	4OS2	JP Software	
	VER	Obsolete	4OS2	JP Software	

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