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 maintance 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 whose 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
	Extension		4OS2	JP Software	
	ACTIVATE		4OS2	JP Software	
	ALIAS		4OS2	JP Software	
	BEEP		4OS2	JP Software	
	CALL	Done	4OS2	JP Software	
	CANCEL		4OS2	JP Software	
	CASE		4OS2	JP Software	
	CD	Done	4OS2	JP Software	
	CDD		4OS2	JP Software	
	CHCP	Done	4OS2	JP Software	
	CHDIR	Done	4OS2	JP Software	
	COLOR		4OS2	JP Software	
	COPY	Done	4OS2	JP Software	
	DATE	Done	4OS2	JP Software	
	DEFAULT		4OS2	JP Software	
	DEL	Done	4OS2	JP Software	
	DELAY		4OS2	JP Software	
	DESCRIBE		4OS2	JP Software	
	DETACH	Done	4OS2	JP Software	
	DIR	Done	4OS2	JP Software	
	DIRHISTORY		4OS2	JP Software	
	DIRS		4OS2	JP Software	
	DO		4OS2	JP Software	
	DPATH	Done	4OS2	JP Software	
	DRAWBOX		4OS2	JP Software	
	DRAWHLINE		4OS2	JP Software	
	DRAWVLINE		4OS2	JP Software	
	ECHO	Done	4OS2	JP Software	
	ECHOERR	Extension	4OS2	JP Software	
	ECHOS		4OS2	JP Software	
	ECHOSERR		4OS2	JP Software	
	ENDLOCAL	Done	4OS2	JP Software	
	ENDSWITCH		4OS2	JP Software	
	ERASE	Done	4OS2	JP Software	
	ESET		4OS2	JP Software	
	EXCEPT		4OS2	JP Software	
	EXIT	Done	4OS2	JP Software	
	FFIND		4OS2	JP Software	
	FOR	Done	4OS2	JP Software	
	FREE		4OS2	JP Software	
	GLOBAL		4OS2	JP Software	
	GOSUB		4OS2	JP Software	
	GOTO	Done	4OS2	JP Software	
	HELP	Done	4OS2	JP Software	
	HISTORY		4OS2	JP Software	
	IF	Done	4OS2	JP Software	
	IFF		4OS2	JP Software	
CMD.EXE	INKEY		4OS2	JP Software	
	INPUT		4OS2	JP Software	
	KEYBD		4OS2	JP Software	
	KEYS	Done	4OS2	JP Software	
	KEYSTACK	Extension	4OS2	JP Software	
	LIST		4OS2	JP Software	
	LOADBTM		4OS2	JP Software	
	LOG		4OS2	JP Software	
	MEMORY		4OS2	JP Software	
	MOVE	Done	4OS2	JP Software	
	ON		4OS2	JP Software	
	OPTION		4OS2	JP Software	
	PATH	Done	4OS2	JP Software	
	PAUSE	Done	4OS2	JP Software	
	POPD		4OS2	JP Software	
	PROMPT	Done	4OS2	JP Software	
	PUSHD		4OS2	JP Software	
	QUIT		4OS2	JP Software	
	RD	Done	4OS2	JP Software	
	REBOOT		4OS2	JP Software	
	REM	Done	4OS2	JP Software	
	REN	Done	4OS2	JP Software	
	RENAME	Done	4OS2	JP Software	
	RETURN		4OS2	JP Software	
	RMDIR	Done	4OS2	JP Software	
	SCREEN		4OS2	JP Software	
	SCRPUT		4OS2	JP Software	
	SELECT		4OS2	JP Software	
	SET	Done	4OS2	JP Software	
	SETDOS		4OS2	JP Software	
	SETLOCAL	Done	4OS2	JP Software	
	SHIFT	Done	4OS2	JP Software	
	SHRALIAS		4OS2	JP Software	
	START	Done	4OS2	JP Software	
	SWITCH	Extension	4OS2	JP Software	
	TEE		4OS2	JP Software	
	TEXT		4OS2	JP Software	
	TIME	Done	4OS2	JP Software	
	TIMER		4OS2	JP Software	
	TITLE		4OS2	JP Software	
	TOUCH		4OS2	JP Software	
	TYPE	Done	4OS2	JP Software	
	UNALIAS		4OS2	JP Software	
	UNSET		4OS2	JP Software	
	VERIFY	Done	4OS2	JP Software	
	VSCRPUT		4OS2	JP Software	
	WINDOW		4OS2	JP Software	
	Y		4OS2	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	
	TRSPOOL	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			
	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	
	BMSCALLS.DLL	None			
	BKSCALLS.DLL	None			
	BVSCALLS.DLL	None			
SOM	SOM.DLL	None			
	SOMC.DLL	None			
	SC.EXE	**Done**	GPLv3	somFree project	
	SOMCPP.EXE	**Done**	2-clause BSD	Kiyoshi Matsui	
	SOMIPC.EXE	**Done**	GPLv3	somFree project	Doesn't support Emitters framework
	SPP.EXE	**Done**	osFree	Yuri Prokushev	Need to check compatibility with original
	SOMOPC.EXE	None			
	SOME.DLL	None			
DSOM	SOMD.DLL	None			
Object REXX		None			
DOS kernel	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		
	HELPMSG	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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Last update: **2024/11/27 16:31**