

# i3

improved tiling window manager

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"Interesting, what is this?"

vs.

"What?! **Another** window manager?"

- Applications
- Places
- System
- Accessories >
- Games >
- Graphics >
- Internet >
- Office >
- Sound & Video >
- Add/Remove...

### user - File Browser

File Edit View Go Bookmarks Tabs Help

Back Forward Up Stop Reload Home Computer Search

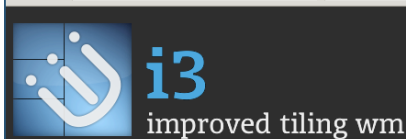
100% Icon View

Places

- User
- Desktop
- File System
- Network
- Floppy Drive
- Trash
- Documents
- Music
- Pictures
- Videos

Desktop	Documents	Music
Pictures	Public	Templates
Videos	Examples	

8 items, Free space: 25.0 GB



## i3 User's Guide

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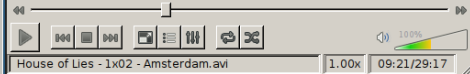
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jd@thinkpad:~

```

1  [  ] 3.90] Tasks: 61; 2 running
2  [  ] 3.30] Load average: 0.28 0.27 0.18
Mem[|||||] 202/1986M Uptime: 00:13:47
Swap[ ] 0/3815M

```

PID	USER	PRI	NI	VIRT	RES	SHR	S	CPUX	MEMK	TIME+	Command
2137	jd	121	0	417M	51876	0	S	2.0	2.6	0:07.82	/usr/local
1705	root	122	0	337M	325M	0	S	1.0	16.4	0:15.44	/usr/local
2080	jd	120	0	10040	2208	0	R	1.0	0.1	0:05.57	htop
2127	jd	120	0	66240	28400	0	S	1.0	1.4	0:02.28	/usr/local
2035	jd	120	0	245M	163M	0	S	0.0	8.2	0:29.40	/usr/local
2082	jd	172	0	174M	88520	0	S	0.0	4.4	0:08.28	vlc
2173	jd	120	0	417M	51876	0	S	0.0	2.6	0:00.17	/usr/local
2092	jd	120	0	11976	4108	0	S	0.0	0.2	0:00.07	zsh
2090	jd	120	0	21908	11920	0	S	0.0	0.6	0:00.12	urxvt
1959	jd	120	0	4580	1356	0	S	0.0	0.1	0:00.85	i3status
2074	jd	120	0	21908	11800	0	S	0.0	0.6	0:00.44	urxvt
1958	jd	120	0	12620	3268	0	S	0.0	0.2	0:00.10	i3bar --ba
2076	jd	121	0	11976	4056	0	S	0.0	0.2	0:00.04	zsh
2075	jd	120	0	17348	4600	0	S	0.0	0.2	0:00.00	urxvt
2067	jd	120	0	14300	4456	0	S	0.0	0.2	0:00.01	/usr/local
2065	jd	120	0	812	1968	0	S	0.0	0.1	0:00.00	/usr/local

F1|help F2|Setup F3|search F4|invert F5|Tree F6|SortBy F7|Nice F8|lice F9|kill

## i3: history and features

- started from scratch in february 2009
- successor\* to wmii, which we couldn't hack
- clean, readable, documented code. and documentation
- proper multi-monitor support, utf-8 clean
- fast and lightweight, aimed at power users

# Inter-process communication

- UNIX socket, JSON for serialization
- i3-msg (C), AnyEvent::I3 (Perl), i3-ipc (Ruby), i3ipc (Python)
- send any command, like `floating enable`
- receive events (like focus change)
- access the layout tree (!)

# Example workflows

- Urgency hint
- Scratchpad
- Web development (browser, editor, syslog)
- Coding (C): two editors (code, test), quickly opening docs

## i3 in numbers

- 3149 commits by 39 different people
- > 600 tickets (about 60 open)
- about 10.000 SLOC (mostly C, a bit of Perl)
- testsuite: > 1000 test instructions in 96 files
- conservative guess of > 1000 users



# Thanks for your attention

- See <http://www.i3wm.org/> for everything
- Ubuntu: upgrade to our repository:  
<http://i3wm.org/docs/repositories.html>
- Debian: upgrade to the version in Debian testing
- Any questions?
- (pictures Creative Commons Attribution-Share Alike 3.0 Unported)