John the Ripper password cracker, version 1.8.0.6-jumbo-1-bleeding [linux-x86-64-avx]

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Homepage: http://www.openwall.com/john/

Usage: john [OPTIONS] [PASSWORD-FILES]

--single[=SECTION] "single crack" mode

--wordlist[=FILE] --stdin wordlist mode, read words from FILE or stdin

--pipe like --stdin, but bulk reads, and allows rules

--loopback[=FILE] like --wordlist, but fetch words from a .pot file

--dupe-suppression suppress all dupes in wordlist (and force preload)

--prince[=FILE] PRINCE mode, read words from FILE

--encoding=NAME input encoding (eg. UTF-8, ISO-8859-1). See also

doc/ENCODING and --list=hidden-options.

--rules[=SECTION] enable word mangling rules for wordlist modes

--incremental[=MODE] "incremental" mode [using section MODE]

--mask=MASK mask mode using MASK

--markov[=OPTIONS] "Markov" mode (see doc/MARKOV)

--external=MODE external mode or word filter

--stdout[=LENGTH] just output candidate passwords [cut at LENGTH]

--restore[=NAME] restore an interrupted session [called NAME]

--session=NAME give a new session the NAME

--status[=NAME] print status of a session [called NAME]

--make-charset=FILE make a charset file. It will be overwritten

--show[=LEFT] show cracked passwords [if =LEFT, then uncracked]

--test[=TIME] run tests and benchmarks for TIME seconds each

--users=[-]LOGIN|UID[,..] [do not] load this (these) user(s) only

--groups=[-]GID[,..] load users [not] of this (these) group(s) only

--shells=[-]SHELL[,..] load users with[out] this (these) shell(s) only

--salts=[-]COUNT[:MAX] load salts with[out] COUNT [to MAX] hashes

--save-memory=LEVEL enable memory saving, at LEVEL 1..3

--node=MIN[-MAX]/TOTAL this node's number range out of TOTAL count

--fork=N fork N processes

--pot=NAME pot file to use

--list=WHAT list capabilities, see --list=help or doc/OPTIONS

--format=NAME force hash of type NAME. The supported formats can

be seen with --list=formats and --list=subformats