

Manual:The Dude/Changelog

The Dude Version 4

4.0beta3

- fixed static object crash
- changed icon
- some minor fixes

4.0beta2

- improved window state saving
- fixed bug causing "too many open files" problem on RouterOS dude server
- added "Remove Resolved" button to outages
- fixed images loading forever problem
- fixed data sources sometimes did not get correct values from snmp
- fixed 'no gap in graph' when service down for some time
- fixed server crash when connection to agent lost
- fixed unable to add more than one item in dialog box that should allow that
- more fixes

4.0beta1

- new database engine based on sqlite3
- unlimited outages per service
- configurable amount of history data per data source used in charts, up to unlimited amount and detail of history
- rewritten, more accurate charts
- new backup format - faster, smaller, less memory consuming
- enable/disable notifications
- added some admin variables in tools
- added csv export to all tables
- flash friendly log flushing
- no local connection mode anymore, please check that 127.0.0.1 is allowed if you want to connect to server from localhost
- connect dialog accepts dns names
- more convenient 'firefox style' find
- other improvements

The Dude Version 3

v3.6:

- improved spectrum analyzer tool - added density view, other improvements
- changing link settings could cause a spike of traffic in graph, fixed

v3.5:

- spectrum analyzer tool
- open files dialog sometimes could crash
- fixed log file management
- improved logs entries to include ip address if available

v3.4:

- fixed find
- improved unicode support
- minimal probe interval now 1 second

v3.3:

- improved dude admin and device password security
- fixed devices losing dns names
- fixed snmp
- other fixes

v3.2:

- some status information in dude client could not be up to date in some cases
- fixed chart drawing - graphs sometimes could be drawn out of bounds
- fixed outages table - sometimes was selecting 'virtual memory' probe
- fixed running external tools - sometimes could crash dude client
- fixed compatibility with new routeros packages
- fixed dude web server on routeros could not work
- improved bandwidth conservation
- other fixes

v3.1:

- routeros dude supports multiple stores
- fixed occasional server crash
- fixed client crash in open/save file or color chooser dialog
- fixed client crash when closing some windows
- other fixes

v3.0:

- fixed - client could sometimes crash when scrolling a table
- fixed - search for unexisting items made dude unresponsive
- fixed - charts sometimes could show incorrect data
- other fixes

v3.0rc3:

- fix bug in web server introduced in previous release
- other bug fixes

v3.0rc2:

- routeros dude package is now independent from routeros version
- fixed bug - opening notification -> advanced tab was crashing
- fixed bug - dude could not handle large network map backgrounds
- other bug fixes

v3.0rc1:

- bug fixes

v3.0beta8:

- F11 puts any panel in fullscreen mode
 - reworked font stuff, only uses fonts added to dude server for exact output on different clients (fonts have to be added to files just like images)
 - routeros server can export maps/charts
 - routeros web server can display maps/charts
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- added many translations, simple language choosing from 'Preferences'
- dropped support for windows metafile, not possible to render in routeros environment
- improved svg, png image support
- map, chart output to many new formats - bmp, jpeg, ps, svg
- drag&drop files to/from dude server and routeros devices
- drop files straight on routeros device in network map to upload
- server files can be organized in directories
- fixed bug - dude could freeze when opening device window
- fixed bug - dude server could stop polling
- improved mac mappings - refresh of mac mappings is distributed evenly across refresh interval to avoid traffic congestion
- many other bug fixes

v3.0beta7:

- improved pdf export
- double click in contents pane replaces all existing panes by default (configurable in Settings->Misc)
- improved dude server for routeros
- support for dude server on RB333
- server files support drag&drop
- handle client and server time differences correctly
- other bug fixes

v3.0beta6:

- 'show on map' feature available in context menu
- 'lock' feature to prevent moving items on map
- snmp profiles have try count and try timeout properties
- fixed copy/paste for network maps, logs, panels, charts, address lists
- fixed bug wasting a lot of network bandwidth
- other bug fixes

v3.0beta5:

- added week scale to charts
- fixed ping/traceroute from agents
- improved compatibility with some snmp agents
- time and date variables in notifications added
- improved filters
- some memory leaks fixed
- big images as network map background could not work
- many other fixes

v3.0beta4:

- mib modules shows missing imports if any
 - routeros simple queues management
 - horizontal scroll bar in lists and tables
 - other ui improvements
 - macaddresses are resolved to manufacturer names
 - new snmp table - dhcp leases
 - new ros tables - arp, route, dhcp leases
 - mac to ip address mapping table
 - devices can be binded to mac address
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- polling of services can be disabled per service, device, map, globally
- dude server can work as service again
- added syslog server
- added mib modules for cisco wireless, canopy, alvarion, avantcom, colubris, smartbridges, ieee 802.11, redline, ceragon, wimax, orinoco, proxim, atmel, trango, tranzeo
- network map label refresh interval is now configurable
- bug fixes

v3.0beta3:

- copy and paste feature added to network maps and all lists and tables, also paste in text editor and you get xml configuration for later use
- discovery sometimes could stall
- fixed traceroute tool
- resolves dns names in traceroute and ping tools
- other bug fixes

v3.0beta2:

- added speech notification
- bug fixes

v3.0beta1:

- added TimeLastDown, TimeLastUp variables for services
- any list/table export to pdf
- automatic update works in wine environment
- added builtin function string_compare, string_find, string_substring
- reduced server <-> client network traffic
- dude agents - add other dude servers as dude agents to reach networks behind firewalls, offload polling work from server to agents
- support for snmp v3

The Dude Version 2

v2.2:

- fixed loading of maps, sometimes could stall
- fixed too many digits after comma bug
- other bug fixes

v2.1:

- fixed panels
- fixed builtin functions or, and, not
- fixed some bugs in web server
- other bug fixes

v2.0:

- web server could not work
- fixed import
- panels sometimes could become unconfigurable
- fixed memory leak with failing local connections
- minor fixes

v2.0beta12:

- fixed possible crash when discovering
- service counts could be accounted incorrectly
- fixed web interface link info bug
- fixed problem with secure web interface
- oid picker performs snmp walk as from server not client
- snmpwalk could use incorrect snmp profile
- other fixes

v2.0beta11:

- non-integer number output, builtin round function
- fixed rate function
- bug fixes

v2.0beta10:

- improved accuracy of network discovery
- bug fixes and performance improvements

v2.0beta9:

- many bug fixes

v2.0beta8:

- tables have selectable columns
- multiple dude servers accessible from one client (device window)
- improvements for wine
- bug fixes

v2.0beta7:

- new builtin function - execute. Allows to make probes and data sources based on return value or output of external programs
- new builtin function - device_property. Allows to use device field values in functions
- many bug fixes

v2.0beta6

- new snmp oid chooser control
- many bug fixes

v2.0beta5:

- data sources can be fed by functions
- network map tooltips can evaluate functions
- crash reporter
- function probe - probes can contain very complex statements
- added cpu, memory, virtual memory, disk probes - graphs usage of resources
- ping function - pings host and returns rtt, size, ttl, error
- more builtin functions
- dude database could occasionally get corrupted
- other bug fixes

v2.0beta4:

- snmp profiles added
 - discovery uses all snmp profiles to assign proper profile to device
 - snmp version 2c support
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- reworked panel stuff - have separate panel layout for each admin (optionally for each session), custom panels can be created, panels can be nested
- panels can be opened in separate window
- each email notification can specify SMTP server
- bug fixes

v2.0beta3:

- bandwidth test tool for routers devices
- tools easily accessible from any ip address edit box
- tools accessible from any lists context menu that has ip or device in some column
- files on dude server can be saved on clients computer
- network map automatic export files are added to dude servers files

v2.0beta2:

- automatic map export leaked memory a lot
- dude uses default web browser to open web links
- big wireless registration table for routers devices
- routers packages can be disabled/enabled/uninstalled from dude
- tools can be easily performed on routers neighbors from context menu
- open in new window option for submap context menu in network map
- services can be 'unacked'
- default zoom setting for network maps
- submap links offer all contained devices
- services show correct uptime/downtime
- configuration export could crash dude client
- fixed memory leaks, permission problems in web interface
- passwords cannot be cheated from web interface
- many other bug fixes

v2.0beta1:

- tools ping, traceroute, snmpwalk can be performed as from server
 - tools ping and traceroute can be performed as from any router os device
 - added terminal and remote connection (telnet/ssh/mac-telnet) tool for routers devices
 - force upgrade feature - ignore situations when router already has that version or not all packages are available on dude server
 - upgrade accessible from network map context menu
 - logic probe type added - group together many simple probes with logical elements and,or,not
 - character encoding changed - server operates with utf8 encoded strings, web server shows correct characters
 - remove resolved outages button added to outage table
 - improved object window layouting
 - improved window dependencies
 - ctrl+Z, ctrl+Y work as undo and redo
 - dude window could lose focus in some situations
 - added support for other languages of user interface
 - added fancy torch tool
 - added ability to periodically export network maps to png or pdf
 - easier input of some fields (combo boxes with common values)
 - tree view for devices - represents parent/child relationships
 - snmp mib parser - dude has mib database and can import new mibs
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- improved snmp walk - oid names, organizes data in tree, nice tables etc
- oids can be selected via convenient oid chooser
- device and link labels on network maps can show values of any snmp variable
- per device and device type configurable tools menu

The Dude Version 1

v1.2:

- fixed web server
- fixed web server memory leak
- fixed dude client crash

v1.1:

- secure connections could crash server or client
- layouting of empty map could crash dude client

v1.0:

- fixed memory leak in server when using secure connections

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Article Sources and Contributors

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