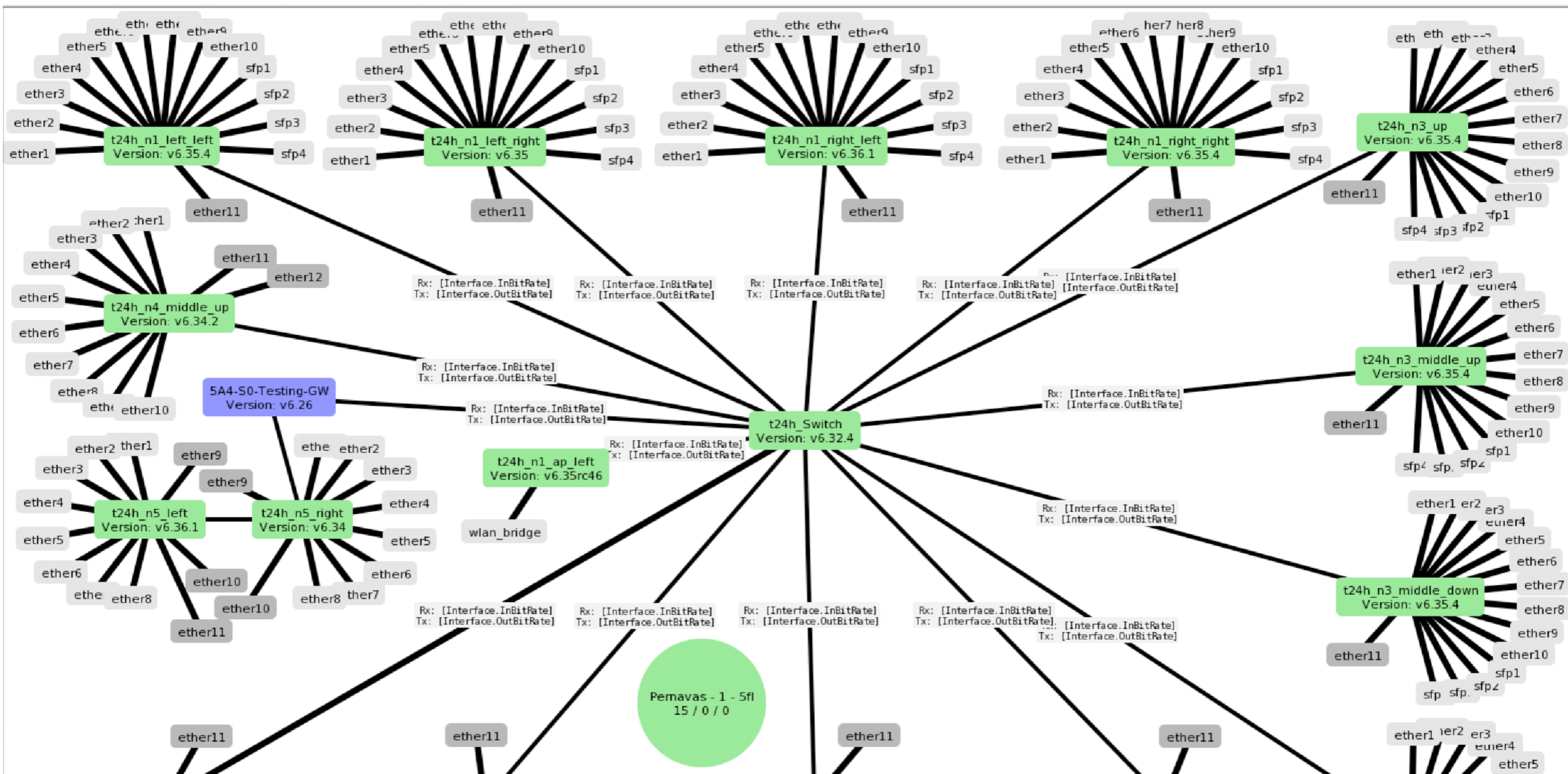


Dude workshop

What is Dude?

One of the most powerful free network monitors



Dude development

First version released at 2006

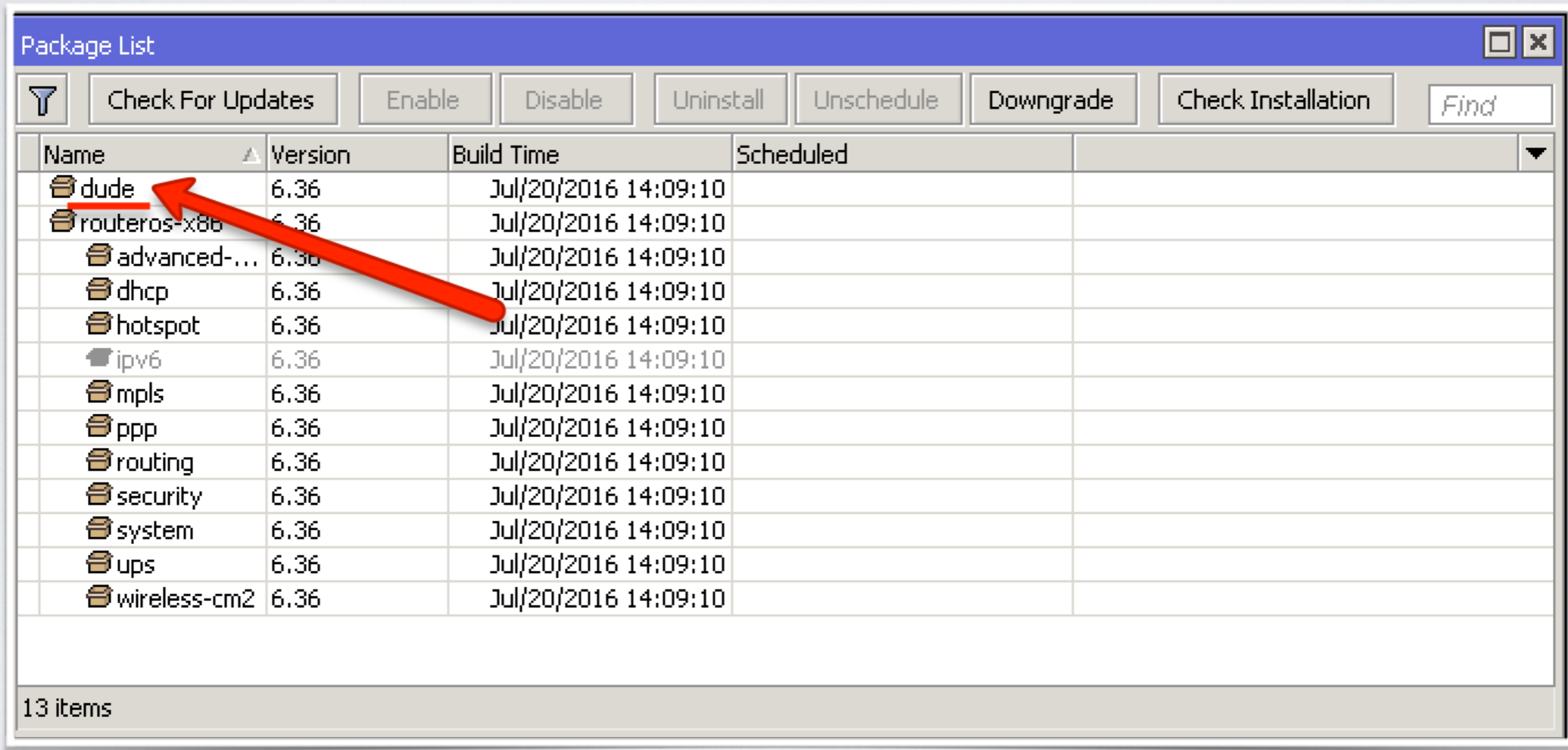
4.0beta3 was the latest version

Development renewed in 2016

Dude is integrated back to RouterOS package

v6.x Dude changes

Dude is RouterOS version package



The screenshot shows the 'Package List' window in Mikrotik WinBox. The window title is 'Package List'. Below the title bar is a toolbar with buttons: 'Check For Updates', 'Enable', 'Disable', 'Uninstall', 'Unschedule', 'Downgrade', 'Check Installation', and a 'Find' search box. The main area contains a table with the following columns: 'Name', 'Version', 'Build Time', and 'Scheduled'. The 'Name' column has a small triangle icon next to it. The table lists 13 packages, all with version 6.36 and build time Jul/20/2016 14:09:10. A red arrow points to the 'dude' package in the first row.

Name	Version	Build Time	Scheduled
dude	6.36	Jul/20/2016 14:09:10	
routeros-x86	6.36	Jul/20/2016 14:09:10	
advanced-...	6.36	Jul/20/2016 14:09:10	
dhcp	6.36	Jul/20/2016 14:09:10	
hotspot	6.36	Jul/20/2016 14:09:10	
ipv6	6.36	Jul/20/2016 14:09:10	
mpls	6.36	Jul/20/2016 14:09:10	
ppp	6.36	Jul/20/2016 14:09:10	
routing	6.36	Jul/20/2016 14:09:10	
security	6.36	Jul/20/2016 14:09:10	
system	6.36	Jul/20/2016 14:09:10	
ups	6.36	Jul/20/2016 14:09:10	
wireless-cm2	6.36	Jul/20/2016 14:09:10	

13 items

v6.x Dude changes

Dude Server
All CCR
CHR/x86
RB3011

Dude Client
Windows
No Web
English only

v6.x Dude changes

Login password from MikroTik RouterOS

New user policy Dude

The screenshot displays two windows from a MikroTik RouterOS environment. The left window is WinBox v6.37rc20, showing the 'User List' dialog with a table of users and a 'Group <full>' configuration dialog. The right window is 'The Dude 6.37rc20' showing connection settings.

User List Dialog:

Name	Group	Allowed Address	Last Lo
;;; system default user			
admin	full		
dude	full		

Group <full> Dialog:

Name: full

Policies:

- local, telnet, ssh, ftp, reboot, read, write, policy, test, winbox, password, web, sniff, sensitive, api, romon, dude

Skin: default

The Dude 6.37rc20 Dialog:

Server: 10.5.99.202

Mode: plain secure

Port: 8291

User Name: dude

Remember Password:

Comment:

Address	User Name	Comment
---------	-----------	---------

v6.x Dude changes!

Winbox interface controls

Webfig interface and maps!

Any RouterOS device as agent

Execute on server different notifications

v6.x Dude server control

```
[admin@MikroTik] >  
[admin@MikroTik] > dude print  
        enabled: yes  
data-directory: dude  
        status: running  
[admin@MikroTik] >  
[admin@MikroTik] > _
```


v6.x Dude server port

8291 port

For plain and secure mode

v6.x Dude other changes

Major issues fixes

Minor issues fixes

Implementing new features

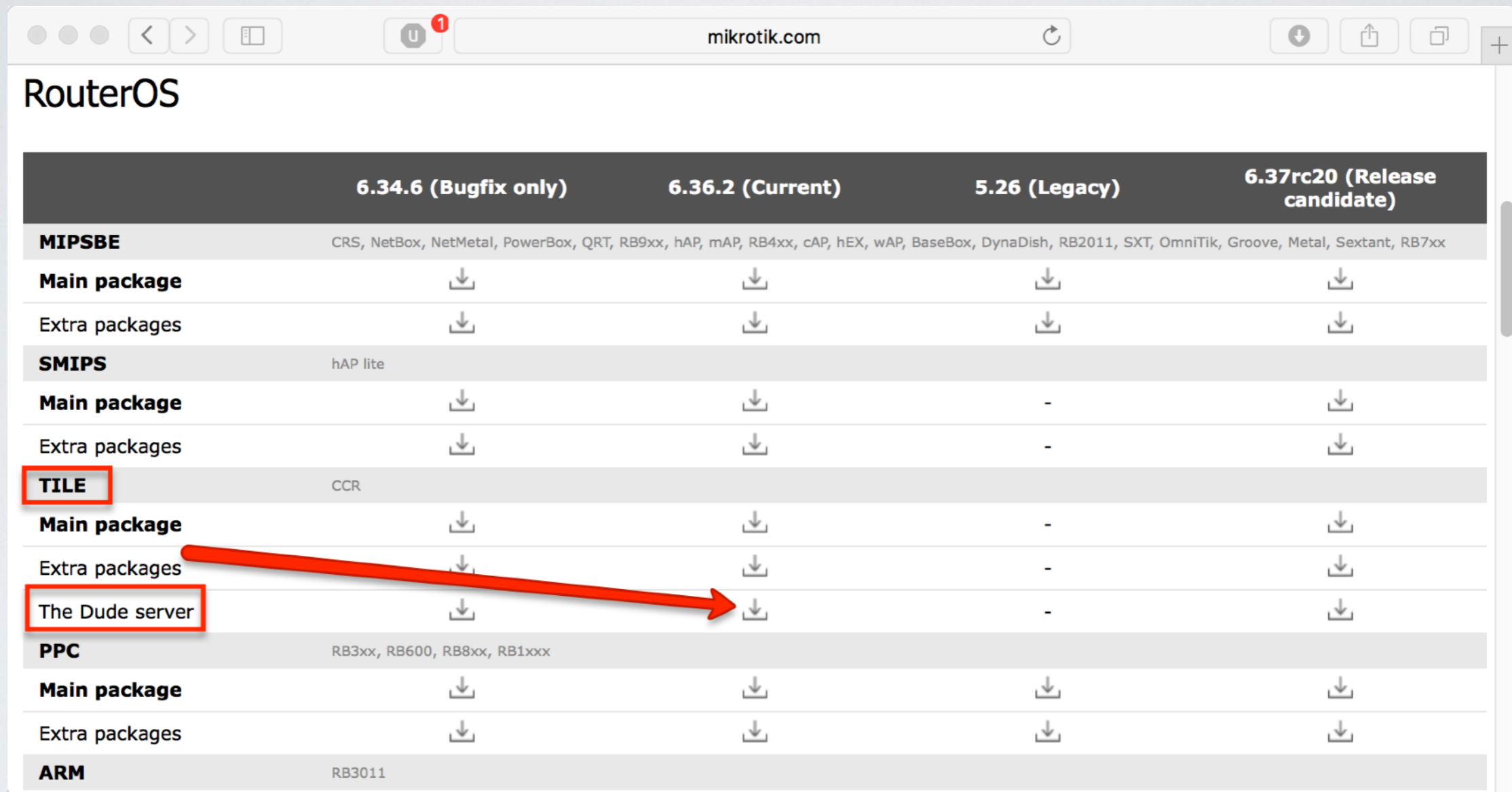
v6.x Dude changes

Follow MikroTik RouterOS version changelog (look for dude)

Changes are discussed in MikroTik forum at Dude section

Workshop

Install Dude server on CCR



	6.34.6 (Bugfix only)	6.36.2 (Current)	5.26 (Legacy)	6.37rc20 (Release candidate)
MIPSBE CRS, NetBox, NetMetal, PowerBox, QRT, RB9xx, hAP, mAP, RB4xx, cAP, hEX, wAP, BaseBox, DynaDish, RB2011, SXT, OmniTik, Groove, Metal, Sextant, RB7xx				
Main package	↓	↓	↓	↓
Extra packages	↓	↓	↓	↓
SMIPS hAP lite				
Main package	↓	↓	-	↓
Extra packages	↓	↓	-	↓
TILE CCR				
Main package	↓	↓	-	↓
Extra packages	↓	↓	-	↓
The Dude server	↓	↓	-	↓
PPC RB3xx, RB600, RB8xx, RB1xxx				
Main package	↓	↓	↓	↓
Extra packages	↓	↓	↓	↓
ARM RB3011				

Install Dude server on CCR

The screenshot shows the Mikrotik WinBox interface. The title bar reads "admin@10.5.99.1 (3B12_SergejsGW_CCR1036) - WinBox v6.37rc14 on CCR1036-8G-2S+ (tile)". The main menu includes "Session", "Settings", and "Dashboard". Below this, there are buttons for "Safe Mode" and "Session: 10.5.99.1".

The left sidebar contains the "RouterOS WinBox" menu with the following items: Quick Set, CAPsMAN, Interfaces, Wireless, Bridge, PPP, Mesh, IP, IPv6, MPLS, Routing, System, Queues, Files, Log, Radius, Tools, New Terminal, LCD, Partition, Make Supout.rif, Manual, New WinBox, and Exit.

The main content area displays a "File List" window. The window has a toolbar with icons for navigation and actions: "Backup", "Restore", and "Upload...". A search box labeled "Find" is also present. The file list table is as follows:

File Name	Type	Size	Creation Time
dude-6.36.2-tile.npk	package	1808.1 KIB	Aug/24/2016 15:53:36

At the bottom of the File List window, it shows "1 item", "142.0 MIB of 1024.0 MIB used", and "86% free". A red arrow points from the "Wireless" menu item in the sidebar to the file name in the File List window.

Dude on CHR

Package List

Check For Updates Enable Disable Uninstall Unschedule Downgrade Check Installation Find

Name	Version	Build Time	Scheduled
dude	6.37rc20	Aug/19/2016 06:35:23	
routeros-x86	6.37rc20	Aug/19/2016 06:35:23	
advanced-...	6.37rc20	Aug/19/2016 06:35:23	
dhcp	6.37rc20	Aug/19/2016 06:35:23	
hotspot	6.37rc20	Aug/19/2016 06:35:23	
ipv6	6.37rc20	Aug/19/2016 06:35:23	
mpls	6.37rc20	Aug/19/2016 06:35:23	
ppp	6.37rc20	Aug/19/2016 06:35:23	
routing	6.37rc20	Aug/19/2016 06:35:23	
security	6.37rc20	Aug/19/2016 06:35:23	
system	6.37rc20	Aug/19/2016 06:35:23	
ups	6.37rc20	Aug/19/2016 06:35:23	
wireless	6.37rc20	Aug/19/2016 06:35:23	

13 items

Preinstalled

CHR

Virtualbox

VMwave

Hyper-V

Amazon Web-services

CHR

Oracle VM VirtualBox Manager

New Settings Discard Show

Details Snapshots

CHR_dudeserver Running

General
Name: CHR_dudeserver
Operating System: Other Linux (64-bit)

System
Base Memory: 256 MB
Boot Order: Floppy, Optical, Hard Disk
Acceleration: VT-x/AMD-V, Nested Paging, PAE/NX, KVM Paravirtualization

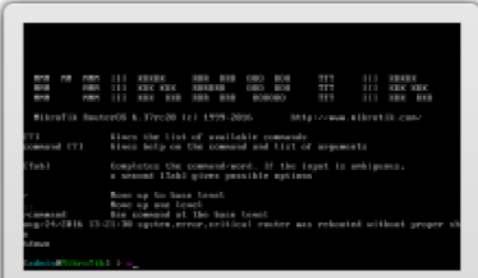
Display
Video Memory: 16 MB
Remote Desktop Server: Disabled
Video Capture: Disabled

Storage
Controller: IDE
IDE Primary Master: chr-6.36.vdi (Normal, 128,00 MB)
IDE Secondary Master: [Optical Drive] Empty

Audio
Host Driver: CoreAudio
Controller: ICH AC97

Network
Adapter 1: Intel PRO/1000 MT Desktop (Bridged Adapter, en4: USB 10/100/1000 LAN)

USB
USB Controller: OHCI
Device Filters: 0 (0 active)

Preview


Few words about CHR

60 days free trial

Multiplatform

License transfer

64-bit CPU support

Level	Price	Support
Free	60 days trial	unlimited
PI	\$45	1 Gbps
PI0	\$95	10Gbps
Punlimited	\$250	unlimited

Things to consider

Disk space on RouterBOARDS!!

Regular Backups

Use secure mode

Live demo

Live demo plan

connect

secure by password

change port

set ACL for Access

Live demo plan 2

Add routers

Setup notifications (sms, e-mail)

Setup custom probes (for example SNMP)

Live demo plan 3

Modify description and add

version, SSID, number of clients at 2GHz/5GHz, uptime

upgrade devices

Live demo plan 3

RouterOS version [oid("1.3.6.1.4.1.14988.1.1.4.4.0")]

2GHz clients [ros_command(":put [/interface wireless registration-table print count-only where interface=wlan1]")]

5GHz clients [ros_command(":put [/interface wireless registration-table print count-only where interface=wlan2]")]

uptime [ros_command(":put /system resource get uptime")]

Future of the Dude

Provisioning

CAPsMAN integration

Web access and App

other features

Future of the Dude

Your suggestions → support@mikrotik.com



Thank you!

