

See who is using your Adabas, in real time.

nsadatop shows the active sessions of your core in the terminal: calls, transactions and users sorted the way you care about, refreshing on its own.

SEE THE FEATURES →

Real-time TUI · Delta metrics · Interactive sorting · Filters



Adabas core

reading sessions and counters



Your terminal

TUI with sorting and filtering



THE PROBLEM

The core is slow, and nobody knows why

On a saturated system the question is always the same: which user, which process and which file are consuming the resources right now.

1

Blind diagnosis

"It is slow" says nothing. Without the active sessions, diagnosis is a process of elimination.

2

Isolated snapshots

One ADASPY every ten minutes says less than a continuous picture of real consumption.

3

Tools from another world

The vendor monitor does not integrate with your scripts or with the way you work.

nsadatop is an htop for your Adabas: in the terminal, live, with the metrics that matter.

WHAT IT IS

Nacarsoft's Adabas session monitor

nsadatop connects to the core, reads the active sessions and shows them in a terminal interface that refreshes on its own.

It displays calls and transactions per interval (delta), lets you sort by any column, filter by a minimum load and move around with the keyboard. No browser, no server, nothing to install.

1

binary, no server

9

sortable columns

10s

default interval



nsadatop

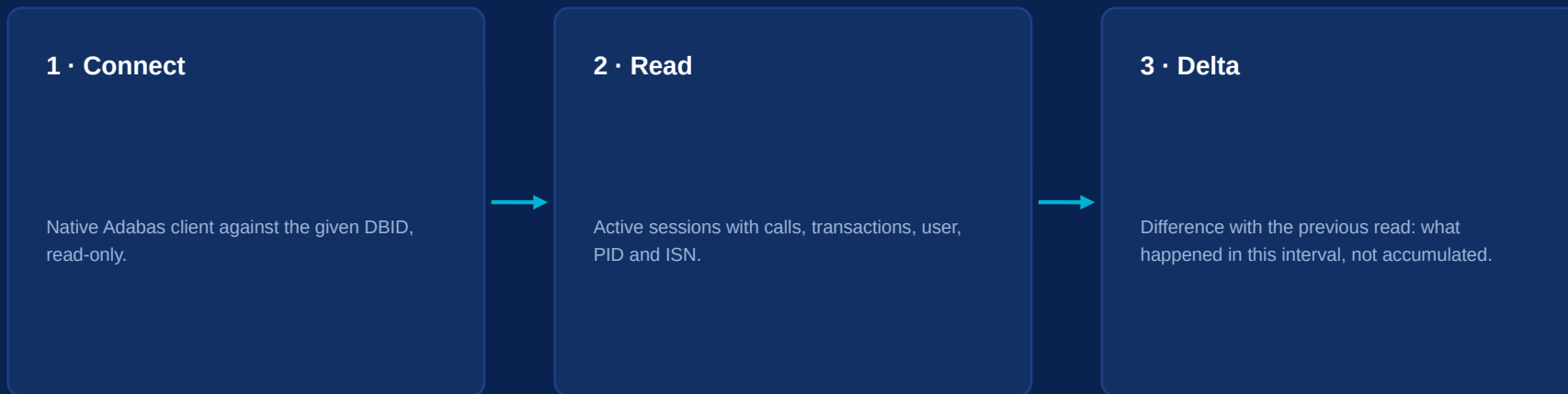
Live Adabas sessions

- Real-time TUI, htop style
- Delta metrics per interval
- Sorting by any column
- Full keyboard navigation

HOW IT WORKS

From the core to your screen, every few seconds

Reading the active sessions, computing the deltas and refreshing the screen without interfering with anything.

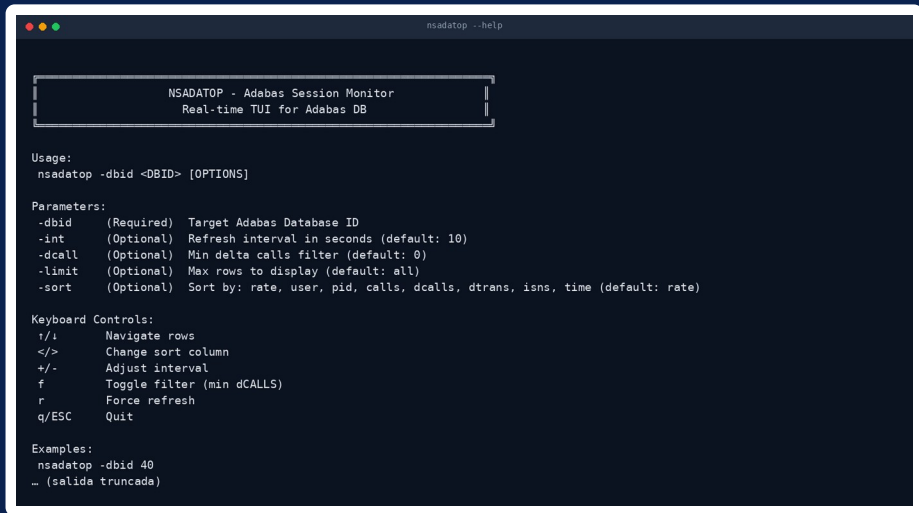


The interval is adjusted with the + and - keys, and the minimum-load filter is toggled with f.

THE TOOL

A TUI, with no server and no browser

One binary that opens against the DBID and shows the screen. No infrastructure, no ports, no agent to maintain.



```
nsadatop --help

NSADATOP - Adbas Session Monitor
Real-time TUI for Adbas DB

Usage:
nsadatop -dbid <DBID> [OPTIONS]

Parameters:
  -dbid      (Required)  Target Adbas Database ID
  -int       (Optional)  Refresh interval in seconds (default: 10)
  -dcall     (Optional)  Min delta calls filter (default: 0)
  -limit     (Optional)  Max rows to display (default: all)
  -sort      (Optional)  Sort by: rate, user, pid, calls, dcalls, dtrans, isns, time (default: rate)

Keyboard Controls:
  i/I       Navigate rows
  </>       Change sort column
  +/-       Adjust interval
  f         Toggle filter (min dCALLS)
  r         Force refresh
  q/ESC     Quit

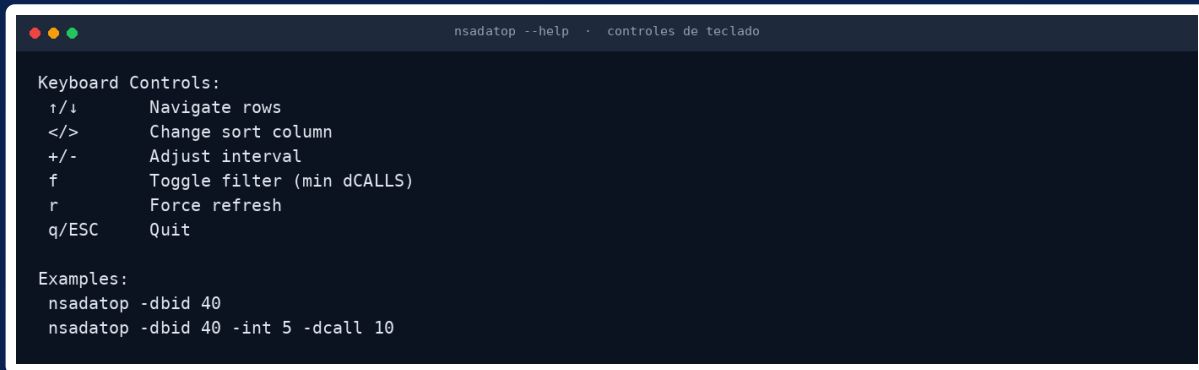
Examples:
nsadatop -dbid 40
... (salida truncada)
```

- No web server
- No open ports
- Ctrl-C and done

Real output of nsadatop --help

Everything with the keyboard

You navigate, sort and filter without letting go of the keyboard: the fastest tool for diagnosing the critical minutes.

A screenshot of a terminal window titled "nsadatop --help · controles de teclado". The window displays a list of keyboard controls and two example command lines. The controls include navigating rows, changing sort columns, adjusting intervals, toggling filters, forcing refreshes, and quitting. The examples show how to run nsadatop with specific database ID and interval parameters.

```
nsadatop --help · controles de teclado

Keyboard Controls:
↑/↓      Navigate rows
</>     Change sort column
+/-      Adjust interval
f        Toggle filter (min dCALLS)
r        Force refresh
q/ESC    Quit

Examples:
nsadatop -dbid 40
nsadatop -dbid 40 -int 5 -dcall 10
```

- Sort with </>
- Filter with f
- Refresh with r

Real excerpt of the nsadatop help (keyboard controls)

FEATURES

What it does, point by point

Built for the moment somebody asks "why is it slow?".



Real-time TUI

htop style: the screen refreshes on its own and reads at a glance.



Interactive sorting

By rate, user, PID, calls, dCALLS, dTRAN, ISN or time, without restarting the tool.



Keyboard navigation

vim style: move, sort, filter, refresh and quit, all without a mouse.



Row limit

Limit the list to the N most relevant sessions when the core has thousands.



Delta metrics

Calls and transactions per interval, not accumulated: you see what is happening now.



Minimum-load filter

Show only the sessions above a given number of delta calls.



Configurable interval

From 1 to 60 seconds, adjustable on the fly with + and -.



No dependencies

Static binary, no configuration, no server and no open ports.

KEY OPTIONS

The parameters used every day

Every other option is in --help.

-db id <id>

Adabas database to watch. Required.

-int <sec>

Refresh interval in seconds (default 10).

-dcall <n>

Filters by minimum delta calls (default 0: all).

-lim it <n>

Maximum rows displayed (default: all).

-sort <column>

rate, user, pid, calls, dcalls, dtrans, isns or time
(default rate).

↑ / ↓

Move through the rows of the table.

< />

Change the sorting column.

+ / - · f · r · q

Adjust the interval, filter, refresh and quit.

Where it is used every day

The same use cases we solve with customers in banking, healthcare and the public sector.

01

Diagnosing slowness

See who is consuming the core right now, without asking anyone for a report.

02

Maintenance windows

Watch consumption live while a critical process runs.

03

Following a load

Check that the night load is progressing and at what rate.

04

Performance testing

Measure the delta in calls and transactions of a specific scenario.

Install and watch in five minutes

Requirements

- Linux x86-64 (RHEL 8 or RHEL 9)
- Native Adabas client (acj) in the PATH
- Read access to the database
- An ANSI terminal (any Linux)
- Product licence or the 30-day trial

Install and first run

```
# Install the suite
./installsh --prefix /opt/ns

# Watch database 40 every 5 s
nsadatop -dbid 40 -int 5

# Only the busy sessions
nsadatop -dbid 40 -dcall 100 \
  -sort dcalls -lin it 20
```

The licence is resolved from \$NS_LICENSE_FILE, next to the product data or in /opt/ns/licenses/. Without one: 30-day trial.

FREQUENTLY ASKED QUESTIONS

What customers always ask

Does it affect core performance?

No: it only reads session counters, with the same read mechanism any monitor uses. The deltas are computed locally.

Can I see it from my laptop?

Yes: run it over SSH against the server. It opens no port and installs no agent.

What is a delta metric?

The difference with the previous read: the number of calls or transactions in this interval, not the total since the session started.

Does it work on any terminal?

Yes, with any ANSI terminal. It works over plain SSH, and also inside tmux or screen.

NEXT STEP

When it is slow, really look at it.

Ask for a demo against your own database: we show the TUI live with the sessions of your own core.

REQUEST A DEMO →

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NSAdaTop at a glance

- Active sessions in real time
- Delta metrics per interval
- Sorting and filtering with the keyboard
- One binary, no server and no ports