

Predator's Toolbox User Guide

Purpose

Predator's Toolbox is a web runtime widget that displays a binary clock and various system information. The clock serves as a special and unique timepiece, while the other items provide useful information about the phone's status.

Compatibility

Predator's Toolbox can be installed and executed on all Symbian Series 60 (S60) 5th edition smartphones, including the Nokia N97, N97 Mini, 5800, 5230, 5530, and X6.

Installation

The distribution package can be installed directly by using the PC install program, or after uploading the .wgz file to the phone. Refer to your phone's User Guide for details on installing.

General

When running from the Menu, Predator's Toolbox appears in full-screen mode. The background skin provides an appearance similar to an alien's self-destructing "wrist-bomb", as seen in the famous *Predator* movies.

The main part of the application is a binary clock, displayed in three distinct panels for hours, minutes and seconds, respectively. The moving red clock hands are used to read the current time (see details below). A digital clock is shown above the binary clock panels.

Four lines of system information are shown in a fourth display panel. Several additional indicators are dispersed over the skin, to provide further status information. See details for these items below.

A help screen is provided as a quick reference on reading the data. The help can be accessed by touching the bottom half of the screen. Touching again eliminates the help display.



Binary clock

The moving red lines on the display represent a true binary clock. Values for hours, minutes and seconds are shown in three separate panels from the left to the right.

Red lines are binary places (as opposed to decimal places), each representing a power of two. From the top of the panel moving clockwise to the right, the lines stand for 1, 2, 4, 8, 16, and 32, respectively, as shown by the illustration below. The sum of the highlighted red lines gives the time value.



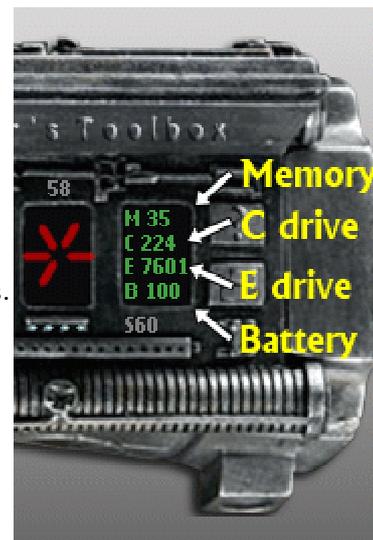
To read the clock, add up the values of the *highlighted* red lines only, while the non-highlighted places should be ignored. On the example image above the current time is 23:59:59 (shown by the small gray digital clock at the top). The binary clock is read by adding the place values (yellow) for all highlighted red lines.

On the hours panel $1+2+4+16$ makes 23 (note that 8 is not added because it is not highlighted). Minutes and seconds are both 59, which is calculated by $1+2+8+16+32$ (4 is not added as it is not highlighted).

System information panel

The fourth (rightmost) panel displays four lines of phone information in green text color. Each line starts with a letter as listed below, followed by the current numeric value for each item.

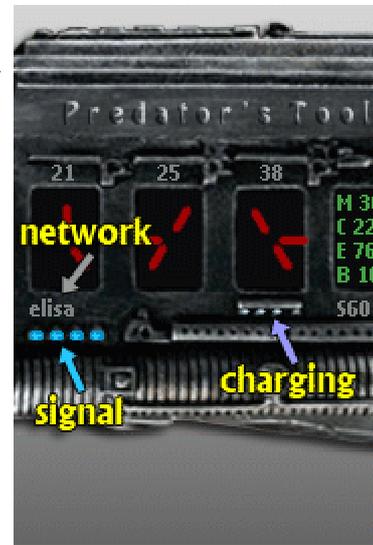
- **M**emory: The amount of free runtime memory (RAM) in Megabytes.
- **C** drive: Free space on the built-in phone memory in Megabytes.
- **E** drive: Free space on the replaceable memory card in Megabytes.
- **B**attery: Charge level in percentages.



Additional system information

Further phone status information is displayed at various regions of the background skin, as listed below.

- **Network name:** The name of the registered home network, or *Offline*.
- **Signal:** The current signal strength, represented by 0 to 4 cyan dots
- **Charging status:** Four animated white dots when the phone is connected to a charger.



Home screen widget

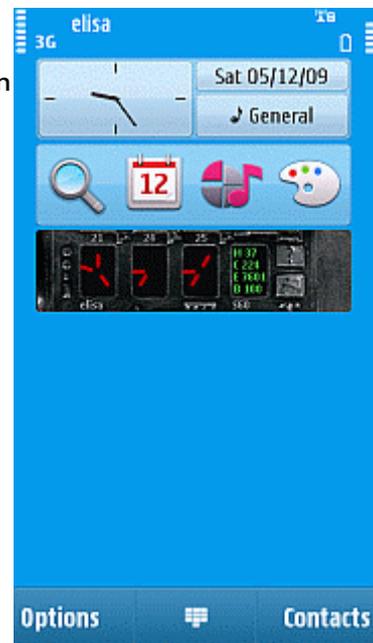
In addition to running it in full-screen mode, Predator's Toolbox can also be placed on the Home screen of those phones that support Home screen widgets (Nokia N97 and N97 mini).

To use the software on the Home screen follow these steps:

- Display the Home screen application.
- Issue the *Options/Edit content* command.
- Touch an empty content slot on the screen.
- Select the *Add content* command.
- Select Predator's Toolbox from the appearing list
- Confirm allowing the application to read phone status data.

After the above steps the widget appears on the Home screen, displaying the binary clock and the system information panel.

To switch to full-screen mode, tap on any part of the widget.



Predator's Toolbox FAQ

General

Q: Why do I need Predator's Toolbox?

A: Predator's Toolbox features the rarely seen binary clock, which can make your phone looking truly unique. The background skin is like an alien's self-destructing "wrist-bomb", as seen in the famous Predator movies. The program also displays various useful phone information.

Q: How does Predator's Toolbox differ from other similar applications?

A: The binary clock provided by Predator's Toolbox is quite unique. You are not likely to find this kind of timepiece in any other program that you can put on a Symbian smartphone.

Q: Which phones is Predator's Toolbox compatible with?

A: Predator's Toolbox can be installed and executed on all Symbian S60 5th edition smartphones. Compatible handsets include the Nokia N97, N97 mini, 5800, 5230, 5530, and X6 devices.

Using Predator's Toolbox

Q: What is the use of Predator's Toolbox?

A: Predator's Toolbox provides three major functions:

- A unique binary clock, never before seen on a phone, and quite rare in general.
- A background skin that looks like an alien's tool, as seen in the Predator movies.
- Various useful system information.

Q: What else is provided other than a binary clock?

A: The application displays useful phone information, like free memory, drive space, battery level, charging status, network name, and signal strength.

Q: Can I put it on the Home screen?

A: Yes. Predator's Toolbox is a web runtime widget that can be used in the so-called "mini-view" mode. This means it can be placed on the Home screen of any phone that support the mini-view. At the time of writing, such phones include the Nokia N97 and N97 mini.

Q: Is there some help available while using the program?

A: Yes, on-screen help is provided that gives clues about reading the binary clock and the presented system information. Invoke the help by touching the bottom half of the display in full-screen mode.

Binary clock

Q: What is a binary clock good for?

A: With our human brains a binary clock is quite a lot harder to read than the usual analog and digital clocks. Nevertheless, it is absolutely possible to do, once you have understood how it works. With such a special clock you can make your phone looking truly unique.

Q: Is this like a puzzle?

A: Yes, you can view Predator's Toolbox as a puzzle that you can use to challenge your friends: What do you see, what is it good for, and how to read it? Only a few people will be able to solve these. Actually, you can win back the price of the software multiple times, while having fun in the pub...

Q: What are the animated red lines?

A: They represent a true binary clock. There are three clock panels for hours, minutes and seconds, from left to right. The red lines are binary places for the values of 1, 2, 4, 8, 16, and 32, respectively, moving clockwise from the top to the right of each three clock panels.

Q: How to read the binary clock?

A: You just need to know which red line stands for what value, and then add up those values to get the normal time. Basic help is available by touching the bottom half of the display when running the program in full-screen mode. A detailed and illustrated explanation is provided in the User Guide section of this documentation. Finally, you can use the digital clock shown above each clock panel to see the correct time values.

System information

Q: What is displayed in green?

A: The fourth panel shows system information. M is for free Memory, C is for free space on the C: drive, E is for free space on the E: drive, and B is for Battery level in percentages.

Q: What are the cyan dots?

A: The cyan dots represent the current signal strength in five levels (0 to 4 dots).

Q: What are the animated white dots?

A: The animated white dots indicate that the phone is currently connected to a charger.

We at CellPhoneSoft hope you enjoy using Predator's Toolbox, and find it useful in making your smartphone a more pleasant experience. Thank you for using our product!