

# EzWAP : Let's go W@P !

## Welcome to EzWAP

EZOS provides EzWAP, the first platform-independent WAP browser enabling all kinds of computing systems to access the mobile Internet: mobile devices (Pocket PC, PC companions), embedded systems and PCs running Microsoft Windows 95, 98, NT, 2000, Windows CE. Simply install EzWAP on your system, connect to your Service Provider and experience surfing on WAP sites as you would surf on HTML sites using a standard Web browser.

This document describes how to quickly get started with EzWAP.

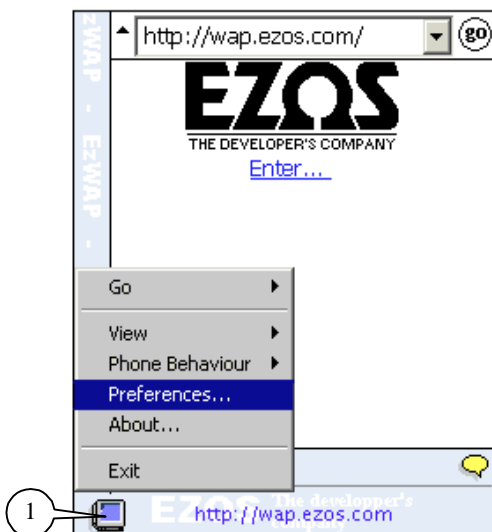
**Enjoy WAP surfing anywhere!**

## Configuring EzWAP

Before using EzWAP for the first time you have to configure your Pocket-PC, Windows CE device, Windows 95/98 or Windows NT/2000 connection settings to enable communication with your provider.

### To configure EzWAP

1. Click on the (1) icon to open the EzWAP menu, then click on **Preferences** to edit the EzWAP connection preferences.

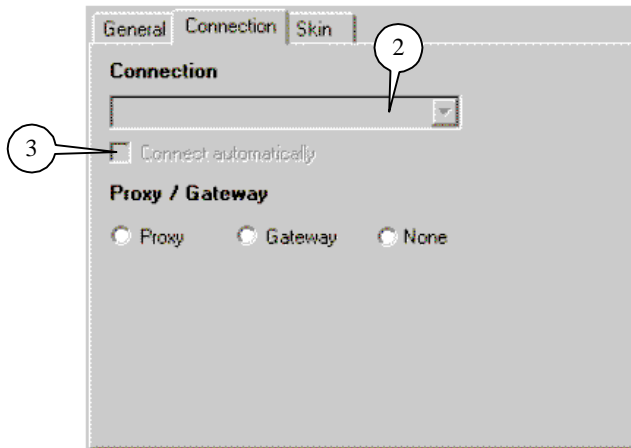


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2. Select the **Connection** tab.
3. Use the **Connection** selection box (2) to select the dial-up connection to be used.
4. Check the **Connect automatically** box (3) if you want EzWAP to automatically activate the selected connection when needed.

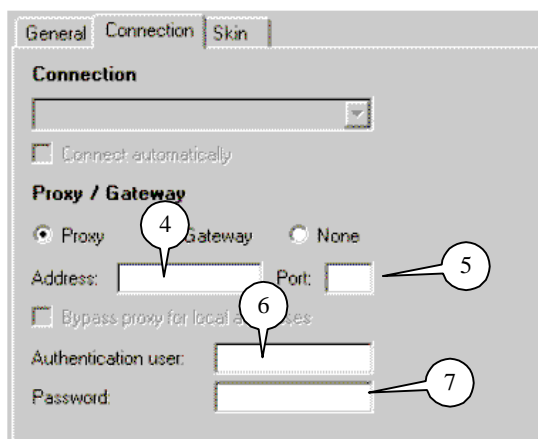


5. Under **Proxy / Gateway**, select one of the following options:

#### Proxy

Select this option if your mobile phone network operator does not operate a WAP gateway today (please consult the operator for details) and you want to use your regular Internet Service Provider to access WML-based sites.

- Complete the **Address** box (4) with the IP Address of your service provider, for example : 63.254.8.6.
- Complete the **Port** box (5) with the port number of the proxy, for example : 8080.  
If applicable, complete the **Authentication user** box (6) with your personal account number and the **Password** box (7) with the corresponding secret code.



#### Gateway

Select this option if your mobile phone network operates a WAP gateway and you want to benefit from the additional services provided by your operator. Please consult the operator for details.

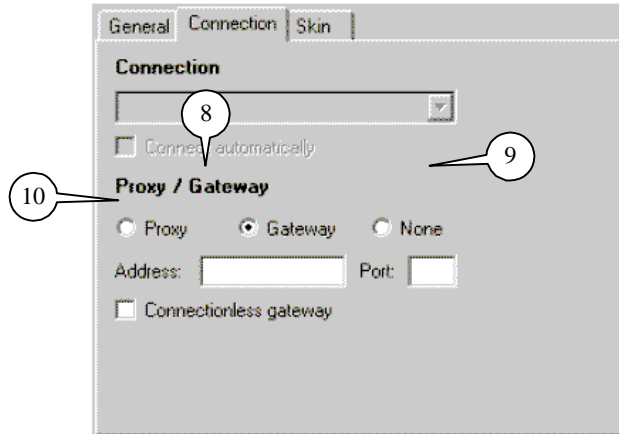


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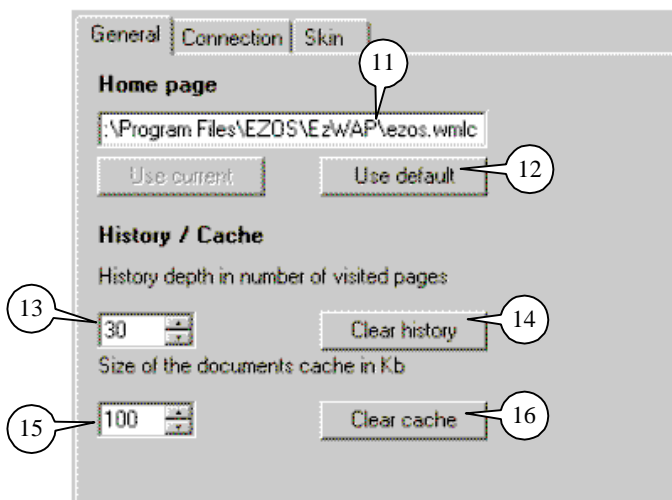
- Complete the **Address** box (8) with the IP Address for the WAP gateway. This is a sequence of digits comprised of four integers separated by decimal points, for example : 193.96.141.24. This information can be found in the notice included in your operator's welcome pack.
- Complete the **Port** box (9) with the port number used by the WAP gateway, for example : 9201. Select the **Connectionless gateway** check box (10) if the gateway works in connectionless mode.



#### None

Select this option if you do not connect through a proxy or a gateway.

6. Select the **General** tab to adjust the general options like the home page, history and cache parameters.
7. To change the default WML document that will load automatically as home page, enter a valid URL in the **Home page** box (11).  
Or,  
Click on the **Use default** button (12) to select the default EzWAP page as standard home page.



8. To change the history options,
  - use the first spin box (13) in the **History / Cache** section and specify the number of navigation steps that must be available for the **Forward** and **Backward** options.

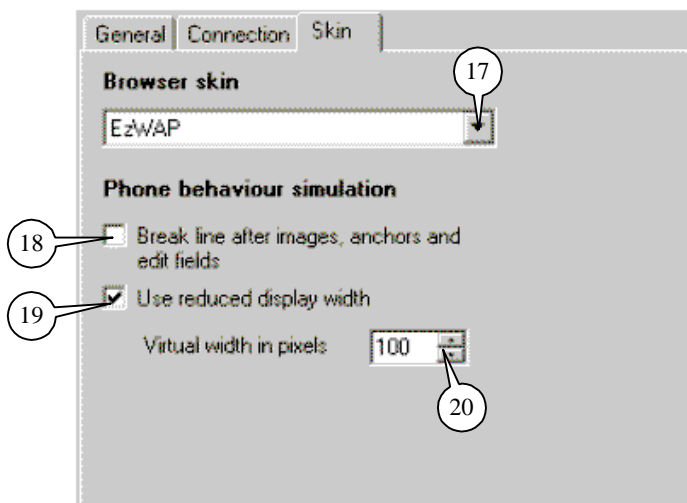


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- if you want to reset the history content and start with an empty one, click the **Clear History** button (14).
9. To change the cache options,
    - use the second spin box (15) to adjust the cache size (in kilobytes). (In the example above, EzWAP uses 100Kb to avoid systematically reloading data from the network).
    - if you want to reset the cache content and start with an empty one, click the **Clear Cache** button (16).
  10. Select the **Skin** tab to adjust the general look and feel of EzWAP.
  11. Use the **Browser skin** selection box (17) to select the skin that you want to use in EzWAP.  
(To install a new skin, you need two bitmap files, one for the background and one for the loading animation, and a special *skin* file describing how to use the two bitmap files. Copy these files to the directory containing the EzWAP executable, then run EzWAP.)



12. Check the **Break line after images, anchors and edit fields** box (18) if you want to insert a line feed after input fields, anchors and images (same effect as the **Extended Line Break** option in the EzWAP menu).
13. Check the **Use reduced display width** box (19) if you want to adjust the screen width to the value specified in the EzWAP Preferences (similar effect as the **Reduced Width** in the EzWAP menu). If you check this box, a new option (20) will appear to let you adjust the virtual screen width (value in pixels).



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## WAP Surfing with EzWAP

### To surf with EzWAP

1. In the location box (1), enter the URL of the WAP site that you want to access.

Or,

To access a local file, replace **http:** by **file:** For example:

- file:c:\program files\ezos\ezwap\ezos.wmlc

- http://wap.ezos.com

Or,

Click on the location selection box to select a recently visited site.

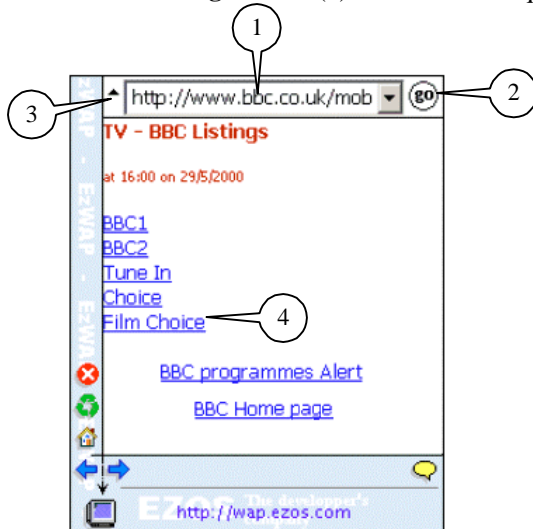
#### **Note:**

If you click on (3), the address in the upper box (1) will be replaced by the corresponding title information

2. Press **Enter**.

Or,

Click on the **go** button (2) to launch the request.



3. When the WML document is loaded, select the appropriate hyperlinks (4) to browse through the available pages.









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## Navigating Through EzWAP

### Navigation Buttons

BUTTON	NAME	MEANING
	stop	abort loading
	reload	reload the current document from network rather than from cache
	home	load the home page specified in the Preferences
	back	go backward into the history
	forward	go forward into the history
	card	display the card contextual popup menu. This menu may be empty or contain site specific actions

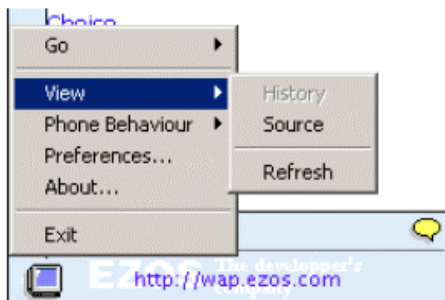
#### Note:

The **Backward**, **Forward**, **Home**, **Stop** and **Reload** buttons are also available from the **Go** menu.

### Menu Options

#### View menu

The **View** menu contains options to view the source of a WML deck and to refresh the view.



MENU OPTION	MEANING
<b>Source</b>	Display the WML source code of the current deck
<b>Refresh</b>	Updates the current display using current variable values. This is not the same as Reload because there is no communication with the cache or the network here



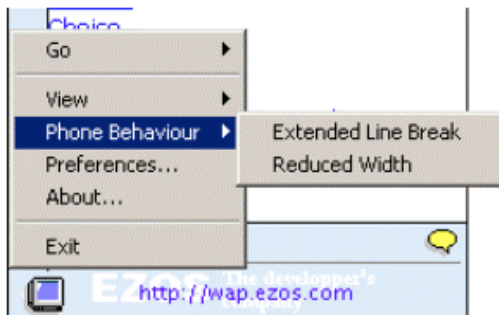
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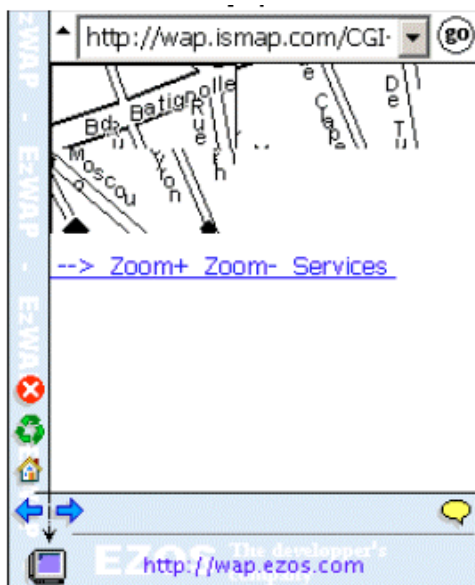
### Phone Behaviour menu

The **Phone Behaviour** menu contains options to adjust the screen display, for example if the text appears distorted or not legible.

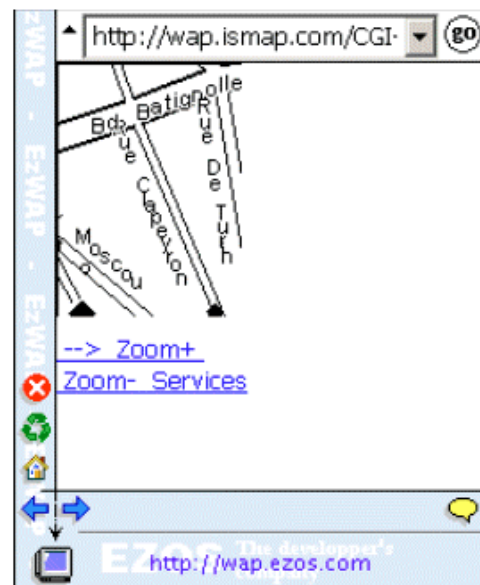


MENU OPTION	MEANING
<b>Extended Line Break</b>	insert a line feed after input fields, anchors and images (a reload is needed to change current display).
<b>Reduced Width</b>	adjust the screen width to the value specified in the EzWAP Preferences (see below).

### BAD DISPLAY



### CORRECT DISPLAY



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## **Glossary**

### **Authentication**

The verification (check) of the identity of a user. Authentication can be carried out user-oriented (user authentication) or computer-oriented (by the computer address).

### **Cache**

A small fast memory holding recently-accessed information, designed to speed up subsequent access to the same data.

### **Card**

An organisation metaphor used to refer to a block of WML code. A card usually defines a single action or operation that will be available on a small screen. Depending on the application, a number of action cards can be bundled into a deck to offer a more complex resource.

### **Deck**

A sequence of WML cards available organised as a single unit for transmission to a WAP device. A deck is similar to an HTML page when thinking in terms of Web pages, in that it is identified by a Web address and is the basic unit of content transmission.

### **IP address**

The unique number that identifies a machine on the Internet. Usually, this address is represented by four numbers joined by periods, like 129.133.10.10. The first two or three pieces represent the network that the system is on, called its subnet. For example, all the computers for Wesleyan University in the U.S.A. are in the subnet 129.133, while the number in the previous paragraph represents a full address to one of the university's computers.

### **Proxy**

A server configured to act as a security barrier between an internal network and the Internet, keeping other people on the Internet from gaining access to confidential information on the internal network or on individual PCs connected to the network.

### **Skin**

A custom appearance that determines the general layout of a WAP browser.

### **WAP Gateway**

A dedicated two-way device that translates WAP contents and user requests using a common WAP protocol. Similar to a "door" through which data would transit between the Internet and the wireless network.

### **WML (Wireless Markup Language)**

The markup language used to create decks. WML fulfils the same purpose as HTML does on World Wide Web.



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## Cool WAP Site Collection

The following collection contains a selection of interesting WAP sites to begin your exploration.

URL	<a href="http://www.bbc.co.uk/mobile/mainmenu.wml">http://www.bbc.co.uk/mobile/mainmenu.wml</a>
Language	English
Description	BBC News WAP site (travel news, weather forecast,... Good demo site !)
URL	<a href="http://wap.2pl.com/">http://wap.2pl.com/</a>
Language	Language selection
Description	Travel guide (hotel, tourism companies, tourist offices...)
URL	<a href="http://www.palmreach.com/index.wml">http://www.palmreach.com/index.wml</a>
Language	English
Description	Chat room (registration needed)
URL	<a href="http://wap.djuice.com/">http://wap.djuice.com/</a>
Language	English
Description	Portal site (Good site !)
URL	<a href="http://wapaw.com/index.phtml?format=wml">http://wapaw.com/index.phtml?format=wml</a>
Language	English
Description	Search engine (Good site!!!)
URL	<a href="http://www.waptastic.com/application/wml.asp">http://www.waptastic.com/application/wml.asp</a>
Language	English
Description	Very complete portal site (FAQ, Articles, WML guide,...)
URL	<a href="http://wap.the451.com">http://wap.the451.com</a>
Language	English
Description	News site
URL	<a href="http://wapmap.com/">http://wapmap.com/</a>
Language	English
Description	Search engine (Very good site!)
URL	<a href="http://mobile.worldof.net">http://mobile.worldof.net</a>
Language	English
Description	Flight information
URL	<a href="http://showmewap.com">http://showmewap.com</a>
Language	English/French
Description	Search engine



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## **Bug Report**

Please fill the following form and send it to [software@ezos.com](mailto:software@ezos.com)

Thank you for your help!

*The EzWap Development Team.*

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EzWAP version / build : \_\_\_\_\_

OS/Platform : \_\_\_\_\_

Problem area : ☐ Com  
☐ Navigation  
☐ User Interface  
☐ Other... Please specify : \_\_\_\_\_

Problem type : ☐ Crash  
☐ Unable to access a WAP site  
☐ Bad data display  
☐ Other... Please specify : \_\_\_\_\_

Is the problem reproducible? ☐ Yes  
☐ No  
☐ Don't know

Please provide a detailed description of the specific problem you experienced. Tell us what you expected to happen and what actually happened.

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Other remarks or suggestions:

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