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ABOUT BEAMCHAT

BeamChat is an infrared “chat” program that allows two PocketPC, PalmOS, or any combination of those two devices to send short infrared “instant messages” to each other. **BeamChat** is currently available (or will soon be available) for the PalmOS & PocketPC device platforms.

ABOUT LIMITED REALITY LLC

Limited Reality LLC, the same people who brought you **MeetingCritic**, are also the creators of BeamChat. Check out our web site at <http://www.limitedreality.com> for more information.

QUICK OVERVIEW & SOME IMPORTANT ADVISORIES

- *Before starting BeamChat*, make sure that the two Chatting devices are in infrared range
- **While BeamChat is running, it gets exclusive use of the device’s infrared port. E.g. you cannot do other operations with the Infrared port until you quit/terminate BeamChat. This is still the case when using the “demo” mode (1-person mode) of the program.**
- This software is provided for **entertainment purposes only**. BeamChat is not considered a secure nor foolproof messaging system. BeamChat messages are not guaranteed to reach the intended recipient(s) & may be intercepted. Use BeamChat **AT YOUR OWN RISK**.
- Both Mobile Devices must have BeamChat & included AppForge Booster installed and running in order to send BeamChat messages.
- Keep your messages *short*. Bear in mind that you will lose some screen width “real estate” because the program inserts your device ID in the text string to identify the message origin.
- Only two devices can participate in a BeamChat. Attempting to Chat between more than two devices in close proximity may “confuse” or disrupt the infrared data stream.
- BeamChat can handle short or brief disruptions in the beam for a *brief* period of time, however if there is an extended disruption **or if you power off/standby one of the devices**, you will probably have to use the “Reset Comms” option on *both devices* to re-establish the connection. **This may include automatic power-off’s or standby’s done by the OS.**
- Infrared range will be determined by many factors, including the types and makes of the devices being used, battery levels, as well as other environmental factors.

SITE LICENSES/BULK PURCHASES/GIFT PURCHASES AVAILABLE

If you or your company are interested in buying a site or bulk license of our software, or in buying our software as a gift, please contact Limited Reality LLC directly to discuss options.

BEAMCHAT FEATURES

(note: not all of these features will be available in Beta, Free, or Evaluation versions)

- Easy to use User Interface
- Versions available for both PalmOS and PocketPC – cross-platform infrared chat is possible!
- Ability to “export” your chat messages to a Memo or Note item on your mobile device, so that you can save or collect your Chats, print them, email them, etc.
- “Demo Mode” lets you “chat by yourself” to try out & play with the program without an Infrared buddy. This lets you learn the software without requiring a 2nd device to practice it. You can also use it to chat with yourself in case you’re feeling especially bored or lonely.
- Express “QUIT” buttons & menus – to easily quit/exit your application on Pocket PC 2002.
- Program Multi-Tasks on the PocketPC Platform

DEVICE REQUIREMENTS

Pocket PC: **The Pocket PC 2002 Operating System is Recommended (see details below)**
 AppForge Booster 3.0 (or later) is Required, and is included.
 1 MB of Available Program Memory is Recommended prior to installation

(NOTE: the program has been tested on PocketPC 2002. It should run on previous versions of PPC/WinCE, however older WinCE Operating Systems have not been tested extensively. If you are running an older version of the WinCE operating system, you are encouraged to test the Evaluation mode of the program thoroughly before purchasing.)

PalmOS: **PalmOS 3.5 or Greater is Required**
 AppForge Booster 3.0 (or later) is Required, and is included.
 1 MB of Available Device Memory is Recommended prior to installation

(NOTE: the program might run on previous versions of PalmOS, e.g. PalmOS 3.1, however the older PalmOS's have not been tested, so operation on them is not guaranteed. If you are running an older version of the PalmOS operating system, you are encouraged to test the Evaluation mode of the program thoroughly before purchasing.)

PRE-INSTALLATION REQUIREMENTS

- Please backup your device’s data using HotSync, ActiveSync, or other appropriate utility
- Confirm that your system meets the Recommended system requirements listed below
- On PocketPC/WinCE: Please EXIT/QUIT any other running AppForge applications that may be running in the background before installing BeamChat.
- **IF YOU HAVE INSTALLED OR USED A BETA VERSION OF BEAMCHAT ON YOUR DEVICE BEFORE – please ensure that you *uninstall* or delete that previous beta version before you re-install the latest one.**

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A WORD ABOUT FREE, PAID, EVALUATION EDITIONS & SOFTWARE LICENSING

This software is Copyright ©2002 Limited Reality LLC; distribution or modification by you is prohibited unless specifically authorized in writing by Limited Reality LLC. There are two versions of BeamChat: Free and Paid. Due to licensing restrictions, the Free version is only available for PalmOS at this time. Separate paid versions of BeamChat will be released for both PalmOS & PocketPC in the future.

For PAID versions of the software, an Evaluation mode is provided for you to try out the software on your device to ensure that it is operating properly and is to your liking. The evaluation edition of BeamChat will only run for a limited time & duration, and may have certain features disabled. If you are operating a Free or Evaluation version, the program will remind you with “pop-up” and “nag” screens when you first start the program. These screens go away when you purchase & Unlock the software.

IF YOU ARE USING THE “PAID” VERSION OF THE SOFTWARE, and YOU CHOOSE NOT TO PURCHASE THE EVALUATION EDITION OF THE SOFTWARE BY THE TIME IT EXPIRES, you MUST DELETE the BeamChat application from your device. Failure to do so is a violation of the license agreement.

A WORD ABOUT THE APPFORGE BOOSTER

The AppForge Booster is an Operating System Extension that allows your Mobile Device to run this and other MobileVB applications. You can think of the Appforge Booster as similar to some of the other operating system “plug-in’s” or extensions that you have installed, such as Macromedia Flash, the Adobe Acrobat Reader, or the Microsoft Windows .NET Compact Framework. Booster only needs to be installed once on the device to run MobileVB applications.

Due to a special licensing Agreement with AppForge, Limited Reality LLC will be able to provide the fully unlocked & licensed Booster free of charge to our PAID PocketPC/WinCE customers (the Booster alone is a US \$10 value). The PalmOS Booster is also provided to you free of charge due to an already existing licensing agreement between AppForge and PalmSource.

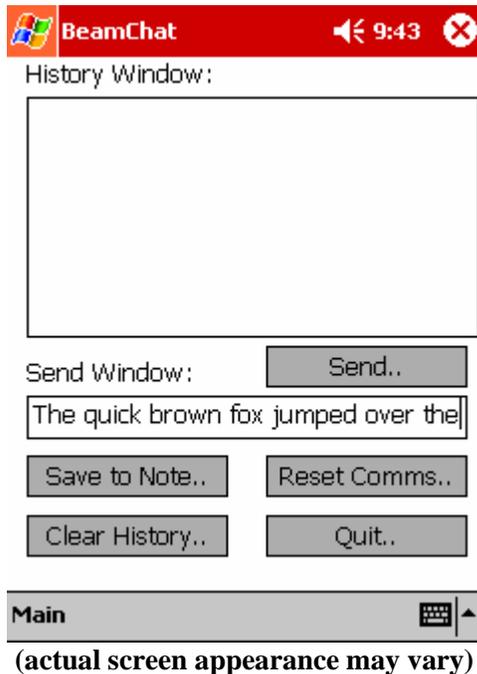
DOWNLOAD/INSTALLATION of the BeamChat Application

1. BACKUP your device’s DATA, using HotSync, ActiveSync, or a similar method.
2. Make sure that you have sufficient memory on your device for the installation (1MB AVAILABLE or greater). This is required to expand and install the various support libraries.
3. If you have not done so already, extract the files that you downloaded to an available folder
4. Install the BeamChat application & the included AppForge Booster:

PalmOS: Add the .prc that was in the archive that you downloaded to your HotSync list by either double-clicking on the .prc file, or by using the Palm Install Tool or other Utility. Then, HotSync your device to install the program. After HotSync completes, check your Device’s screen for any status or progress messages. The Post-HotSync phase of installation normally takes about 20-45 seconds.

PocketPC: Make sure your device is connected to your PC, and that ActiveSync is properly operating. Then, run the Setup program that was included in the download archive to launch the Setup program, will guide you through the setup process. Make sure to check your PC & device screen for any prompts or additional instructions. NOTE that a delay of about 12-60 seconds during the initial startup of the ActiveSync "Add/Remove Programs" screens on your PC is normal.

MAIN SCREEN DETAILED OPERATION



History Window:

The text that you type to send to your infrared "buddy" appears here after the text has been sent to them. Also, any any text that your infrared "buddy" sends to you will appear here. Any text that your buddy sends is prefixed with their Device ID or Hotsync ID name, for instance, "John D.> ". Any text that you send to them is also prefixed in the same fashion.

Send Window:

This is where you enter/type the text that you'd like to send to your infrared "buddy". When you're ready to send the line of text that you've typed, either click the "Send.." button, or enter a "return" on the line.

!NOTE!: Unless you are in "demo" mode (e.g. chatting by yourself on one device), the text that you've entered will *remain* in the Send Window until BeamChat has confirmed that the message was received by another BeamChat program; then it *clears* when it's confirmed.

Save to Note/Save to Memo

This option allows you to save the History of your BeamChat to a Memo or Note item on your organizer. From there, you can print, file, copy, or share, etc. your Chat log with others by using the built-in Note functions in your organizer.

Clear History

This option allows you to clear the previous History of your Chats. Before you clear, Make sure that you use the "Save to Note" option to save the Chat beforehand if you want to save your Chat.

Reset Comms

Use this option to close, reset, and re-open the Infrared port of the mobile device. This should be used if you are encountering difficulty communicating between the devices. For instance, if the beam was disrupted for an extended period of time and you want re-establish the link, you should ensure that the Infrared ports are within range of each other and hit "Reset Comms" on *both* devices. Reset Comms should also be used to establish a new session with a different device.

Quit

This will Quit and exit the application. Make sure to exit BeamChat if you want to release the Infrared port for other purposes (e.g. beaming Contacts, Memos, etc.).

Main “Pull-Down” Menu:

The Main Menu allows you to return to the About Screen, the Support/Debug screen, turn “Demo Mode” ON or OFF, or Quit the program.

! NOTE !

Demo Mode is used when you just want to play with the program without actually sending messages to an Infrared buddy. BeamChat will *not* actually send out messages in Demo Mode.

SUPPORT/DEBUG SCREEN

This screen is used to provide troubleshooting or debugging information when requesting Support from Limited Reality. Please provide the requested Codes in the specified locations on the online support form at <http://www.limitedreality.com>

TROUBLESHOOTING, KNOWN ISSUES IN VERSION 1.0, & WORKAROUNDS:

BeamChat was designed to be easy and fun to use, and to provide hours of amusement and entertainment to its users. However there are some possible traps that mobile device users can fall into when installing or working with any piece of new software. We have attempted to capture some of these frequently-encountered situations in the Troubleshooting Tips below. We also encourage you to consult Limited Reality’s web site for the latest Troubleshooting Tips or our Support Knowledge Base.

First Level support on how to purchase, download, or install the program is generally provided by the vendor who sold/provided the software to you. If your issue cannot be resolved by the selling vendor, please contact Limited Reality’s support via our web site, or via email (support@limitedreality.com).

When contacting us, please ensure that you provide us with as much of the following information either by completing a Profile on our web site, answering the questions on our online Support form, or specifying the following in the text of your message:

- Your contact information (e.g. name, email address, address, and telephone numbers)
- Name and Version number of the software (this is found on the About.. screen)
- Make/Model Number of the device you are operating the device on
- Version of the Operating System of the device (e.g. PalmOS 3.5.2, PocketPC 2002, etc.)
- Amount of total & available memory on the device
- SUPPORT INFORMATION collected from the “Support/Debug..” screen of the application (this is available off of the “Main Menu” of the application)

General Troubleshooting Tips:

- PLEASE ENSURE that your e-mail software or SPAM settings are set to permit incoming e-mail messages from “limitedreality.com”, “esellerate.net”, and/or the publisher that you downloaded or obtained the software from (e.g. PalmGear, PocketGear, Handango, etc.)

We cannot contact you to send your purchase receipts, Activation Codes, or to provide troubleshooting assistance if your e-mail system is blocking messages from us or our partners. This sometimes happens if your e-mail system or software is set to a very high security setting. Check with your e-mail administrator or software documentation for details.

- CHECK YOUR DEVICE FOR ADEQUATE FREE MEMORY

The mobile device needs sufficient available memory in order to install or run the software properly. Otherwise, installation will fail or it will run erratically. This is particularly important on PalmOS devices, which tend to have a smaller memory footprint.

BeamChat installs and runs best with 1MB or more of available/free memory.

- CHECK DEVICE’S BATTERY FOR SUFFICIENT POWER OR BATTERY CHARGE

Mobile devices tend to behave erratically when their power levels or batteries run low. Operating your mobile device on low or erratic power can cause data corruption, malfunctions, and other unpleasant side effects.

- ENSURE THAT THE APPFORGE BOOSTER and BeamChat were both PROPERLY and COMPLETELY INSTALLED

This software requires the AppForge Booster appropriate to your device, which is included.

BeamChat MUST BE INSTALLED from the .prc, .cab, .zip file, or setup program which contained the installation program(s) or .Cab Files which contain the supporting .DLL files (Pocket PC) or other supporting Libraries. If you merely Copy or Beam the Executable file only, the program will likely generate errors, crash, or behave erratically because of the missing support libraries.

The solution is to remove the improperly installed software and to re-install it properly from the original installation source file(s). If Booster appears to be causing problems or conflicts, you may want to Remove or delete the Booster and attempt to reinstall it as well.

- CHECK FOR ANY CONFLICTING PROGRAMS (especially if performance is slow)

Some programs or utilities may conflict with this software or the AppForge Booster, particularly ones that may pre-empt or overwrite the display screen.

On the PocketPC/WindowsCE platform, multiple programs can multitask on the same device. Since there is a new “smart minimize” feature in PocketPC 2002 (where the “X” on the upper-right of the Window is really minimize as opposed to “CLOSE”), unfortunately this can often occur without the knowledge of the user. During our testing, if performance is

unduly slow or sluggish, sometimes we've found that it helps to explicitly "close down" other programs that you're not using but that are continuing to run in the background.

- DID YOU CHANGE OR ADJUST YOUR DEVICE'S DATE or TIME SETTINGS?

Since the Activation/Registration system is a time and date sensitive algorithm, the program's security features may behave strangely if you make radical changes to the system's date, time, or time zone in the middle of the Evaluation period.

- BACKUP/SYNCHRONIZE your DATA, then TRY a NONDESTRUCTIVE (soft) RESET on your PDA DEVICE

Mobile devices, like their full grown PC counterparts, sometimes need an occasional "Soft Reset" (the *nondestructive* kind) or Reboot to help clean out their temporary memory workspaces and to reset their other critical operating system structures. This is particularly true if you have used the device for a long time – and have likely changed/copied/installed a large amount of data or applications over time. This is because memory and other structures tend to get fragmented over time and work best with a periodic reset to flush them out. Please BACKUP/SYNCHRONIZE YOUR DATA and follow your device's manufacturer guidelines before attempting this.

- TRY UNINSTALLING the APPLICATION, SOFT RESET, and then REINSTALLING

If all else fails, sometimes performing a soft RESET (see above) followed by uninstalling, and then performing another SOFT RESET, and then reinstalling the software may help clear up the problem.

If the AppForge Booster appears to be causing problems or conflicts, you may want to Remove or delete the Booster and attempt to reinstall it as well.