farmerswife

The barcode reader replaces the need to manually type long numbers by reading the code (the lines) and transferring the lines into numbers which then appear in farmers**wife** in the field where you've placed the cursor.

Download Free Barcode Font

First download the free 3of9 barcode font by copying the link below into your web browser:

> http://www.squaregear.net/fonts/free3of9.shtml

At the bottom of the window click on 'Download Free 3 of 9' and save the zip file on your desktop.

From the author Matthew Welch: '3 of 9 (sometimes called "code 39") [is] a widely used barcode standard that includes capital letters, numbers, and several symbols. [...] Most kinds of barcode scanners will recognize 3 of 9 just fine. [...]Two versions of 3 of 9 are included. The font called "Free 3 of 9" is the basic 3 of 9 standard. It includes letters and these symbols: $ % + - . and /. The font called "Free 3 of 9 Extended" covers the extended 3 of 9 standard. It includes all the ASCII characters.'

If you are running Mac OSX 10.5 (Leopard) you will need to install the extended version 3 of 9 standard.
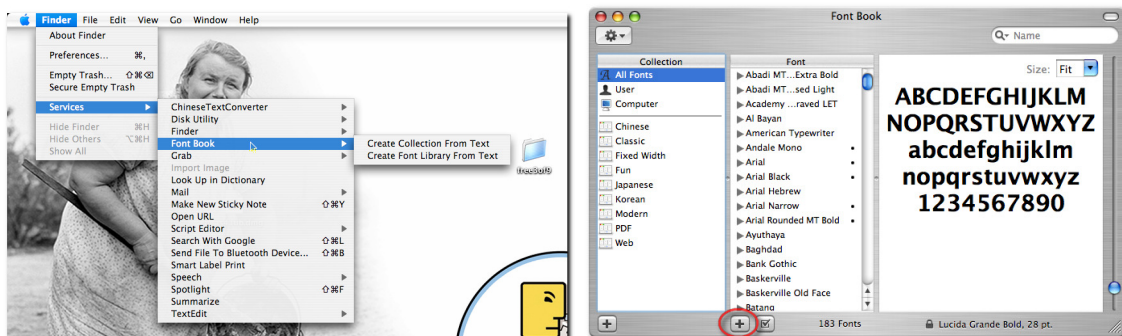
Install Free Barcode Font

To use Barcodes in farmers**wife** please follow the steps below on every computer with a farmers**wife** Client installation that has a barcode reader connected or which will be used as a label generator.

On Windows

On Windows, unpack the zip folder onto your desktop then copy and paste the files into the 'Font' folder which is usually accessible from the Start Menu ➡ Settings ➡ Control Panel ➡ Fonts.

On Mac OS X

Unpack the zip file onto your desktop. Then go to the Finder ➡ Services ➡ Font Book. In the Font Book click on the plus sign at the bottom of the 'Font' column. Select the fonts from the '3 of 9' folder you previously downloaded and unzipped to your desktop.

Select the barcode font in your farmerswife Client Application

Once you have installed the barcode font into your system, you have to select it in your farmers**wife** Client. Therefore run the farmers**wife** Client and click on the Set Up button.
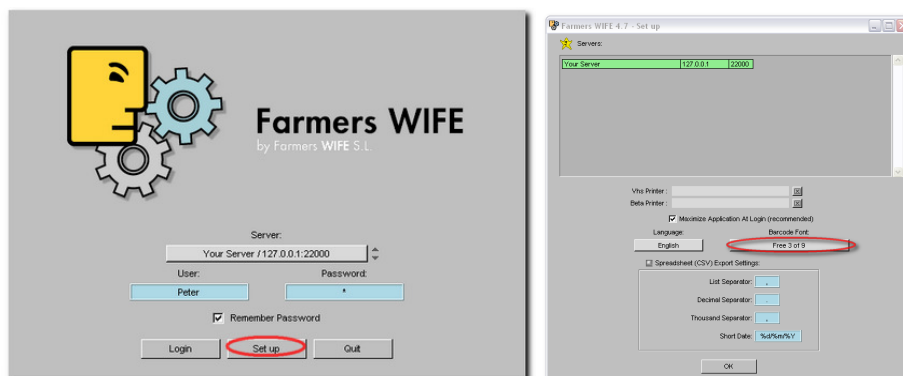
To select the installed barcode font click on the selector bar below 'Barcode Font:' and select the 'Free 3 of 9' font from the drop down list. Click 'OK' to finish the operation. You've successfully installed the barcode font.

Barcode Reader/Scanner

By default, most barcode readers enter automatically a CR ("Carriage Return") suffix after each correct read. Therefore when looking for a barcode scanner it is important that the reader is set to NOT send the CR after each swipe, since farmers**wife** just expects number/characters. You have to confirm the input by manually pressing intro or return. At our farmers**wife** test installation we use the Metrologic MS9520 Voyager KB wedge; this is just one of many barcode scanners. It works for us, and many of our customers.

Other Barcode Readers in use by our customer base:

- CCD-800 Barcode-Scanner USB, ASIN: B001BH955C
- Metrologic MK 9520 Voyager Barcode Scanner
- USB Handscanner MK-1000 Barcode-Scanner, Modellnummer: MK-1000, ASIN: B00346EF8A

Barcode Reader Check Up

After the installation of the barcode font please follow the steps below to test the connection of the barcode reader and that the font is properly installed in your system.

First check that a barcode reader is correctly connected to the machine you want to work with. Check also that you have the correct drivers (if any) and that it lights up for operation.

To perform the test please print this page first, then open a blank text file (Wordpad, MS word, notepad, text editor) and test if you are able to read the following barcodes. Scan the codes and check if the numbers that appear in the text file match the numbers displayed next to the barcode.

This is: *135*
And will result in WIFE as 135.

This is: *54321*
And will result in WIFE as 54321.

This is: *12345*
And will result in WIFE as 12345.

This is: *974324*
And will result in WIFE as 974324.

If you are not able to read the codes then please check the configuration manual of your barcode reader, and check thoroughly that it was properly set up and the use of the CR suffix disabled. Check also with the manufacturer of the barcode reader if there is no seemingly known reason for non-operation of the hardware.

After you've disabled the use of the CR suffix of the barcode reader please test that the barcode reader is setup correctly. Perform the test above again and after a few scans, you should see a continuous string of characters, e.g. 1351234554321974324

If the test went successful, open a farmers**wife** Client and make sure that you are able to enter a code successfully, as described above. Simply click in a field in farmers**wife** where you want the result of the barcode to show and then swipe the barcode.

To create a correct output for the 3 of 9 barcode font it is important to type an asterisk (*) before and after the number e.g. *153969*. The barcode reader will in return not include the asterisks in the output but just give the number 153969.

From the author a 'Special note to MS Word users: There is a default setting in Word that changes text surrounded by *'s into bold text. This setting must be disabled for these fonts to work, otherwise the * characters that are necessary for the barcode to scan properly will be lost and the thickness of the bars will be altered. I have a copy of Word '97. The setting might be found in a different place in other versions but this is how I disabled it. From the Tools menu open the AutoCorrect dialog box. On the AutoFormat tab uncheck the box for "*Bold* and _underline_"'.

Barcode sounds in WIFE

Please note that WIFE requires QuickTime installation on the computer where you want to play the barcode sound.

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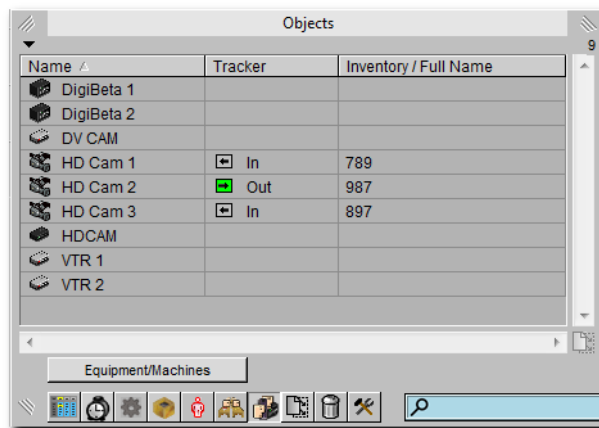## Object Tracking: Configuration / Pre-Requisites

- In Server Setup > Objects tab, configure the following options, as required:
  - **Object Tracker Barcode: Remove Leading "0"**: Enable it if leading "0" is to be removed.
  - **Object Tracker Barcode: Remove Chars. From End**: Enable it if characters from the end are to be removed.
  - **Use Tracker On Objects Without Inventory Number**: To use the Check In/Out for Objects that do not have an inventory number. On these Objects it is not possible to use the Barcode Collector because there is no barcode number (inventory nr) to swipe against. But when swiping other Objects with inventory nrs., then the option to check out remaining Objects in the selection can be used. The tracker will then show if the Object has been checked out of the facility or not.
  - **Use Tracker On External Objects:** To enable the tracker on external objects (coming from external suppliers) allowing you to check them in/out as well.
- **Inventory Number**: to use the tracking option, it is necessary to enter inventory number for each Object to be tracked. This number must be unique. This allows swiping the barcode when colleting Objects to check out/in.

- Toolbox / Settings / Display: select **Tracker**: it will display an arrow icon (Tracker) next to each Object that has an inventory number, in the Object Tree and in the Bookings where they are added when displayed in the Project Tree.
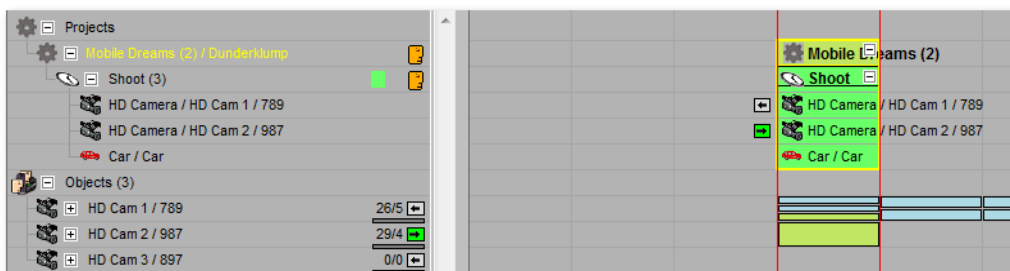

- Toolbox / Settings / Display: select **Inventory /Full Name**: it will display the inventory number next to each Object that has an inventory number.
- Toolbox / Objects: click on arrow at the top and select Display / **Tracker** and **Inventory/Full Name**: to show these columns for information

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Checking Objects Out

- Prepare a Booking and add some pieces of equipment.
- Open the Booking, click on the Reports icon and select HTML Report > **Warehouse copy without *.** This is the report the user will take to the warehouse to request the equipment.
- The warehouse person will collect all the requested equipment as detailed in this report. Once ready, he will open farmers**wife** and go to Toolbox > Project tab and will scan the farmers**wife Booking ID** from the Warehouse report before starting to check out the equipment. This action will open the dialog **Sweep Barcode** to start swiping the barcodes from the equipment:
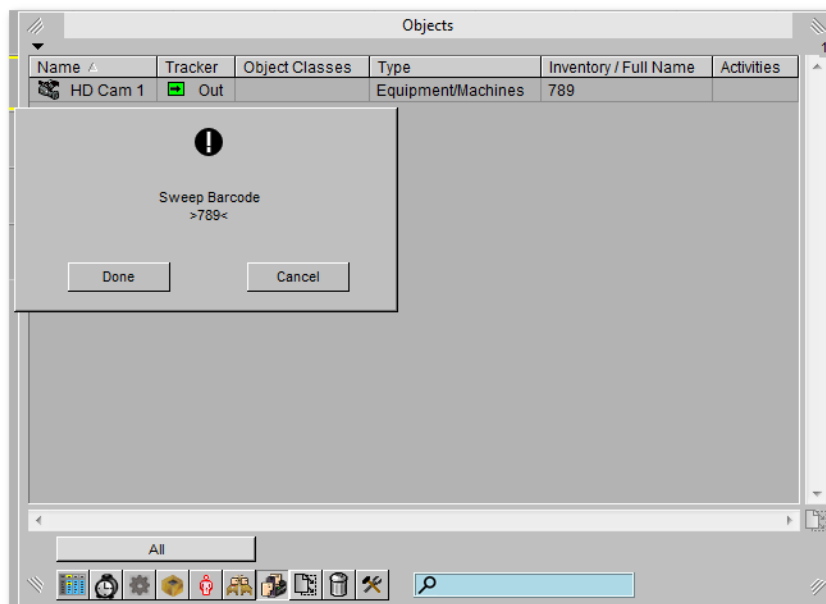
- The equipment will get listed under the Object tab in the Toolbox. Once finished, press Done.
- A dialog asks to **Modify Booking Times With Check Out Time?**: select No to keep booking start time, or select Yes to modify booking start time to the check-out time.
- A window opens with three areas:
1. **Object That Will Not Be In The Booking**: any objects that are moved to this area will be removed from the Booking. To move Objects from any of the other two areas to this one, simply click on them.
2. **New Objects Added To The Booking**: if equipment that was not initially listed in the Booking is swiped, it will appear listed under this area. It may happen that a specific requested equipment is not in the warehouse and so it is replaced with another.
3. **Objects In The Booking, But Not In Your Selection**: if a specific equipment in the Booking has not been swiped, it will appear listed under this area.
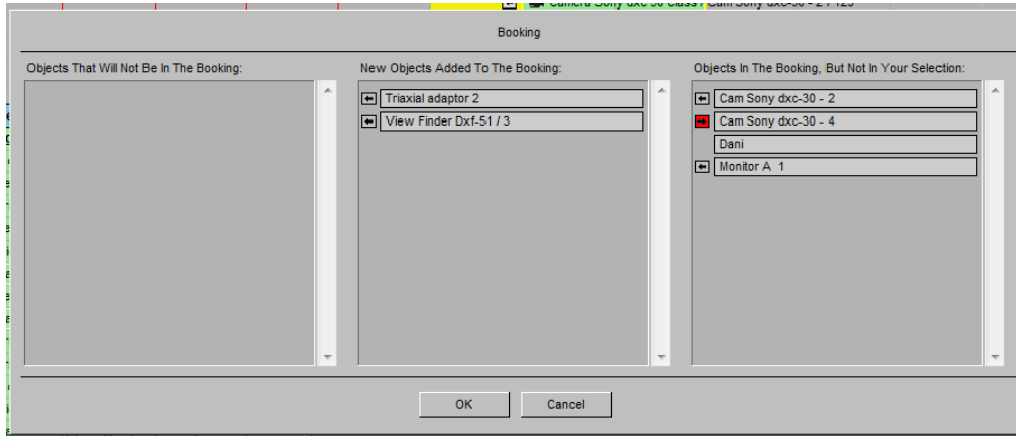
- Once done, hit OK. A dialog asking to **Check Out The Remaining Objects (x)?** will pop up if there are objects in that Booking that have not been swiped. Select Yes to check them out.
- The Tracker arrow next to each Object in the Project Tree or in the Object Tree will turn green to show it is checked out and it will turn grey when it is checked in again.
- The Tracker arrow will appear red next to an Object in a Booking to indicate that it is checked-out, but not against that specific Booking.
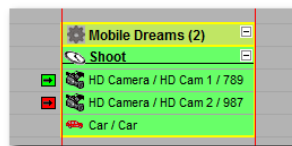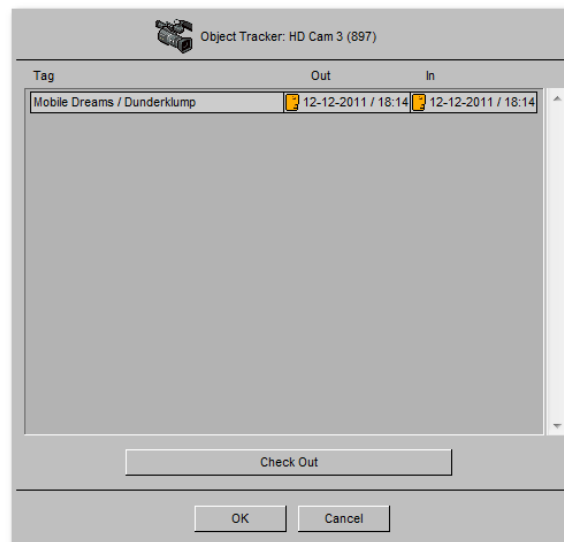

Checking Objects In

To check in an object, the same operation is repeated.

Object Tracker Window

The Object Tracker can be opened by double clicking on the Tracker arrow next to the Object in the Object tree, or by double clicking on the Object either in the Toolbox > Objects tab, in the Object Tree or in the Hourline and then by clicking on the Tracker button.

The Object Tracker displays a Tag with information of the project and booking, as well as the Out and In with info about the user who checked it out/in and the date and time.

This window can also be used to check in or out the Object.

Barcode Collector

Access from Toolbox > Objects > Menu > **Barcode Collector.**

It can be used to collect a list of equipment by scanning their barcodes to either checking them in or out. If there is a list of Objects in the Object tab, a dialog will ask to first clear this list.

- Mark all Objects in the list, click on the drop-down arrow and select Tracker > **Auto Check In Out**.
- Mark a Booking to be able to check in/out the Objects and select the second option to **Add to Selected Booking If Not Already Added**.