

# CARE-conceptObservationTallyDemographics v1.2

## Installation Guide

### New Installation

Please read the accompanying *CARE-conceptObservationTallyDemographics v1.2 User's Guide* to get familiarized with this i2b2 Webclient plugin first, and then follow the steps in the next section.

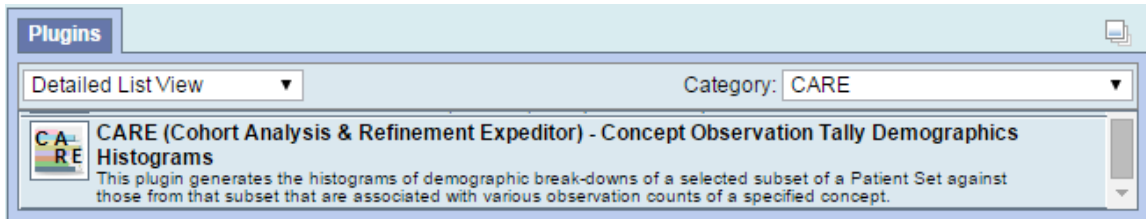
### Installation on i2b2 v.1.7.0.7 and Later Only

Please take advantage of the Webclient Plugin Installer that is included in this i2b2 release to install this plugin in the following straight forward manner:

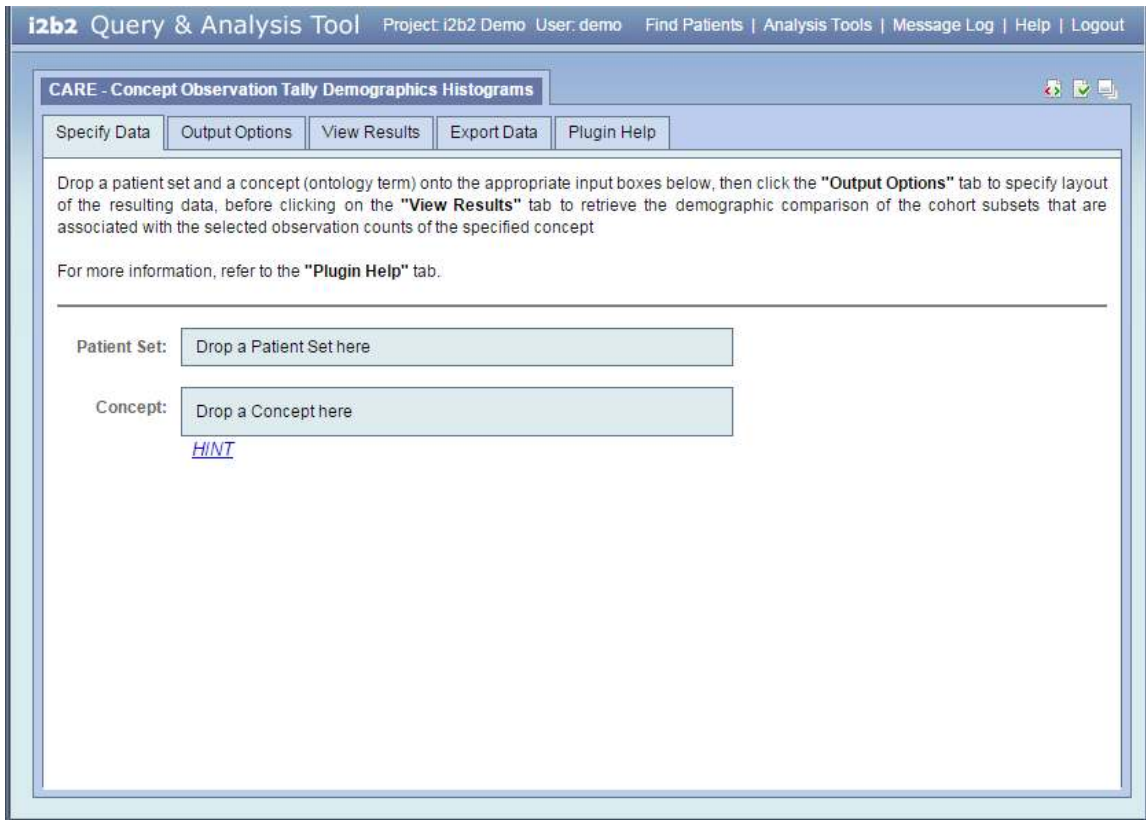
1. Invoke the Webclient Plugin Installer from the i2b2 Admin Webclient (top right menu).
2. Specify the location of the `/webclient` folder on your i2b2 server.  
(e.g. `/var/www/html/webclient`)
3. Click the `[open ->]` button to open and display the content of the plugin repository.
4. Find this plugin on the list and read through all relevant information pertaining to it carefully.
5. Click its `[Install]` button to install it under the `/webclient/js-i2b2/cells/plugins/community` folder on your i2b2 server.
6. Note that starting with v1.7.0.7, all popular plugins developed by our community members (including this one) are to be placed under the `/webclient/js-i2b2/cells/plugins/community` folder (instead of `/webclient/js-i2b2/cells/plugins/standard`) — i.e. with the installation of the new i2b2 v1.7.0.7, it is not expected that any webclient (other than the standard ones) would have been installed; however, if you do have the previous version of this plugin installed under the `/standard` subfolder, you'll need to remove that manually, in the following manner:
  - a) Remove the `/webclient/js-i2b2/cells/plugins/standard/CAREobsTally` folder and its files.
  - b) Remove the old entry of this plugin from your `/webclient/js-i2b2/i2b2loader.js` file (on your server), as outlined (in red) here:

```
[...]  
i2b2.hive.tempCellsList = [  
[...]  
  { code: "CAREobsTally",  
    forceLoading: true,  
    forceConfigMsg: { params: [] },  
    forceDir: "cells/plugins/standard"  
  },  
[...]
```

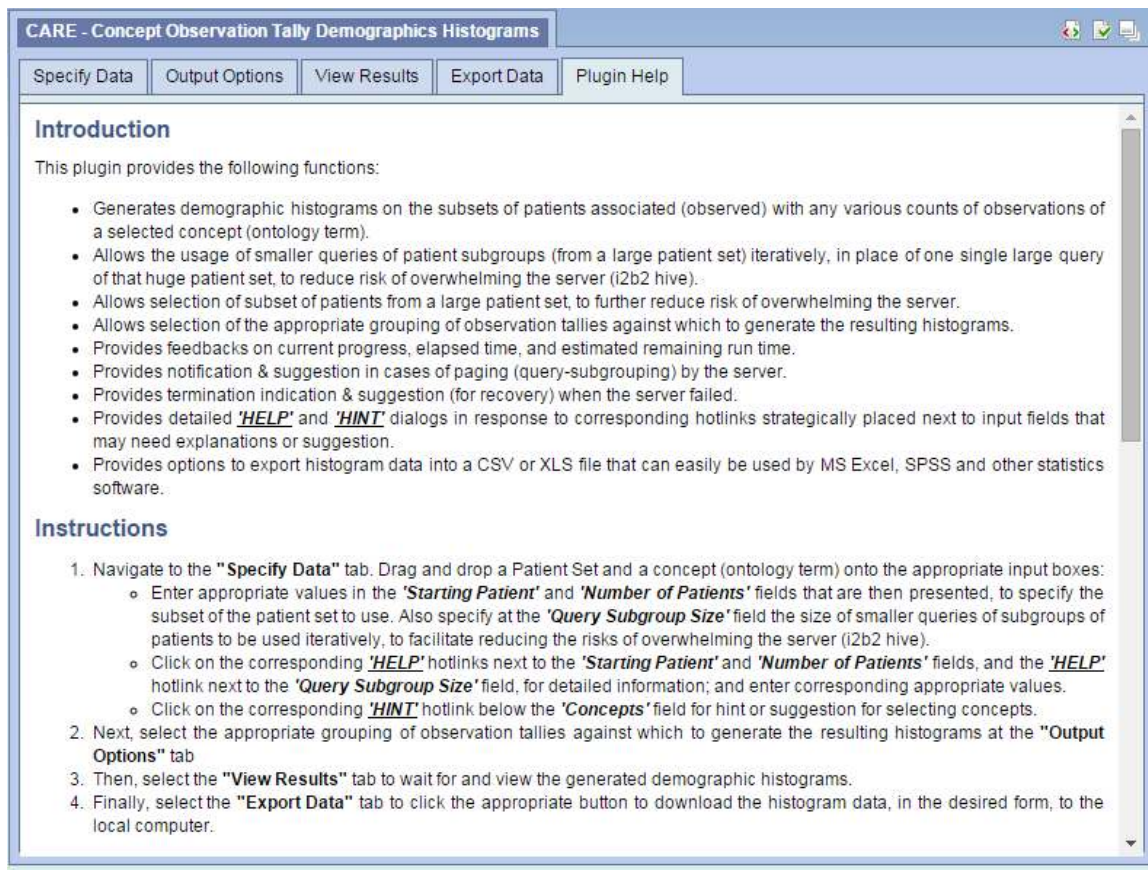
7. You may have to restart jBoss (or restart the webclient browser at the very least) in order for the changes to be picked up by i2b2.
8. Please refer to the “**Appendix: *php.ini* Setting for Exporting Files**” to ensure proper settings is in place.
9. You should then see the link of this plugin getting displayed (near right hand bottom – you may need to scroll to find it) when you go to the “Analysis Tools”:



This plugin should be loaded (on the right hand top panel) when you click on that link:



Click on the **“Plugin Help”** tab and read its usage instructions (also refer to the accompanying *CARE- conceptObservationTallyDemographics v1.2 User’s Guide*):



## Installation on older versions of i2b2 (Prior to v.1.7.0.7)

This release of this plugin is specially tailored to v.1.7.0.7 of i2b2 only. It is highly recommended that you upgrade to this i2b2 version to pick up all the bug fixes and refinements in the webclient.

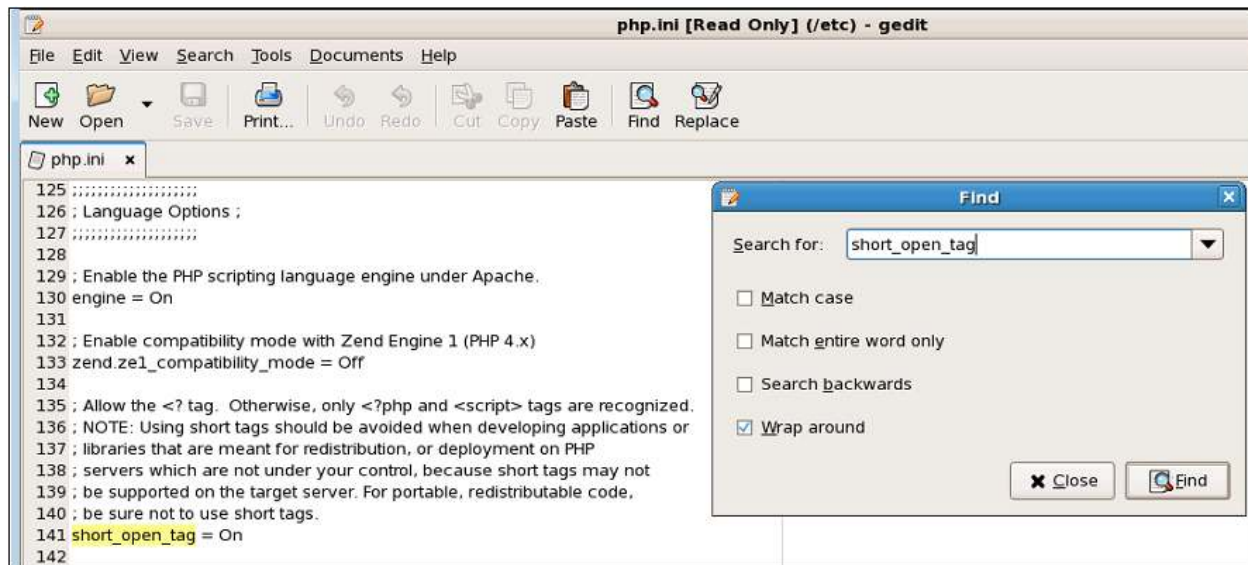
However, if for any reason you are not ready to upgrade, but yet are interested in installing this plugin (or upgrading it from v.1.0) on your older i2b2 now, you may do so by downloading the v.1.1 version of this plugin from <https://i2b2careobstally.codeplex.com/> to install it.

## Fine-tuning Your Configuration

None required.

## Appendix: *php.ini* Setting for Exporting Files

If the **"short\_open\_tag"** in the */etc/php.ini* file of the i2b2 server is **NOT** set to **"on"**, then the resulting exported HTML-coded Excel spreadsheet or CSV file may be just a blank file. It is therefore necessary to ensure that it is set appropriately:



Note that if that setting is updated accordingly, one must *clear the browser cache* (close & restart browser session) to ensure the change takes effect.

Furthermore, if this "blank file" problem persists, then try the following:

1. check for and remove any extraneous "**short\_open\_tag = Off**" lines in the **/etc/php.ini** file
2. check for and remove any extraneous "**short\_open\_tag = Off**" lines in other files in the **/etc/php.d** directory
3. try to restart both the php-fpm (if applicable) & the Apache services:  
`/etc/init.d/php-fpm restart, (or service php-fpm restart)`  
`/etc/init.d/httpd restart, (or service httpd restart)`
4. then run  
`chkconfig httpd on`  
`chkconfig php-fpm on`
5. then check to ensure:  
`php -i | grep short_open_tag`  
which should result in something like **short\_open\_tag => On => On**