



## Survey™ Project v. 2.4

### - New Features & Fixes -

#### *Survey™ Project - Documentation*

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## I. Introduction & Overview

The new release - version 2.4 - of the Survey™ Project webapplication contains new features, (bug)fixes and technical updates.

The purpose of this document is to describe these features, fixes and technical upgrades in more detail to end-users, SP administrators and developers.

In case of larger additions to the webapplication the integrated helpfiles and webscreen helptips provide more information on the use and working of the particular features.

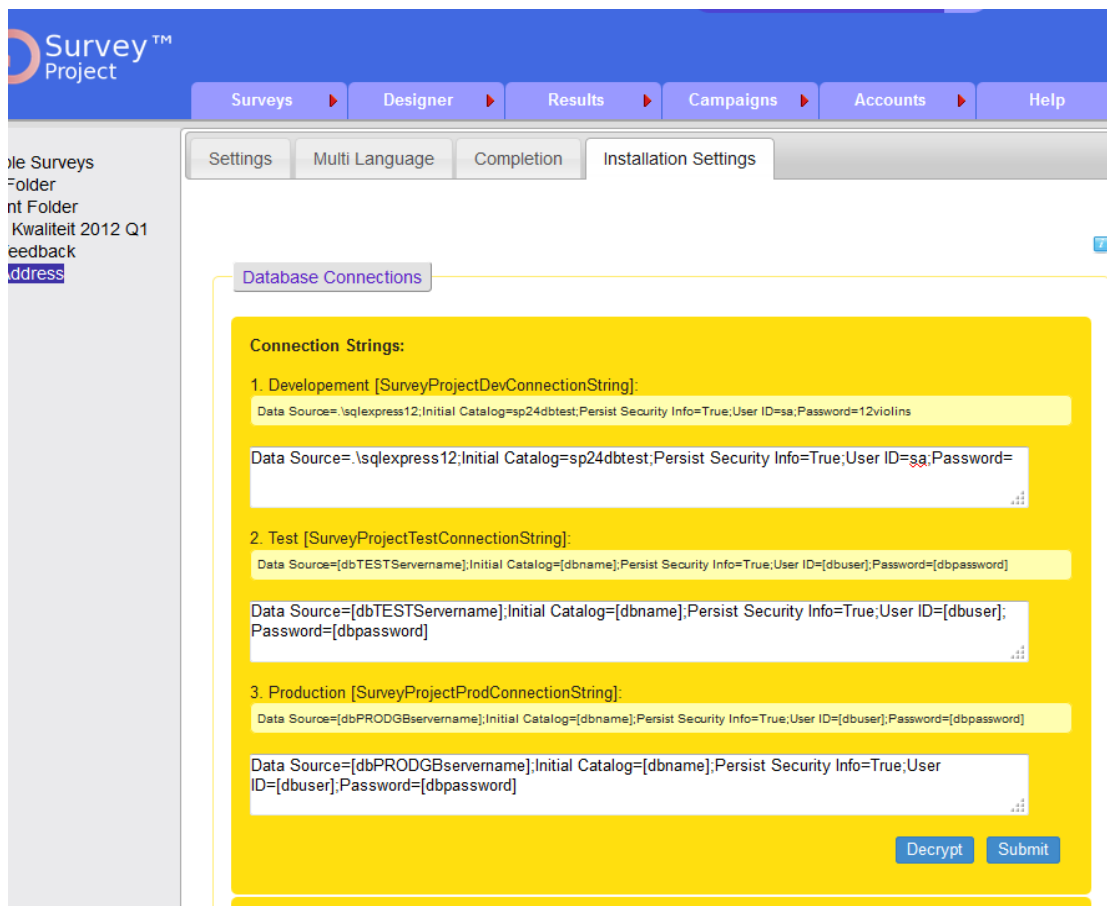
## II. New Features

### 1. Installation Settings

#### a. General Description

- A new page and menu option [Surveys/ Settings/ Installation Settings] to administer and secure several of the SP webapplication settings that are stored in the web.config file:

- \* database connections
- \* globalization culture (language settings)
- \* mailserver settings
- \* miscellaneous settings



Web.config Installation Settings

- Option to secure (encrypt/ decrypt) different parts of the web.config file.
- Helpfile webpage is added including description of the editable parts of the web.config file.

#### b. Application

- These features are only accessible to Administrators due to the critical nature of several of the settings to the correct working of the SP webapplication;

- After the initial installation it is no longer necessary to access the web.config text file directly (e.g. through FTP) or outside of SP to make relevant changes to these settings;
- By default the web.config file is not encrypted after the initial installation of SP. To encrypt one of the editable entries as presented on the Installation Settings page the submit button has to be clicked. Next the associated entry in the web.config file will no longer be (humanly) readable (encrypted) and changes (if any) will be saved as well.
- To decrypt an entry click the associated Decrypt button. Information on the Installation Settings webpage will always be readable even if the entry is encrypted in the web.config file.
- Encryption/ decryption will raise the level of security of the webapplication. In particular on 3d party hosting platforms or to avoid involuntary disclosure of technical details it may be useful to encrypt the relevant sections of the web.config file.
- The helpfile can be accessed by clicking the help button on the Installation Settings webpage or through the menu: Help/ Help files/ .... II. Survey Management / 2.0 Installation Settings

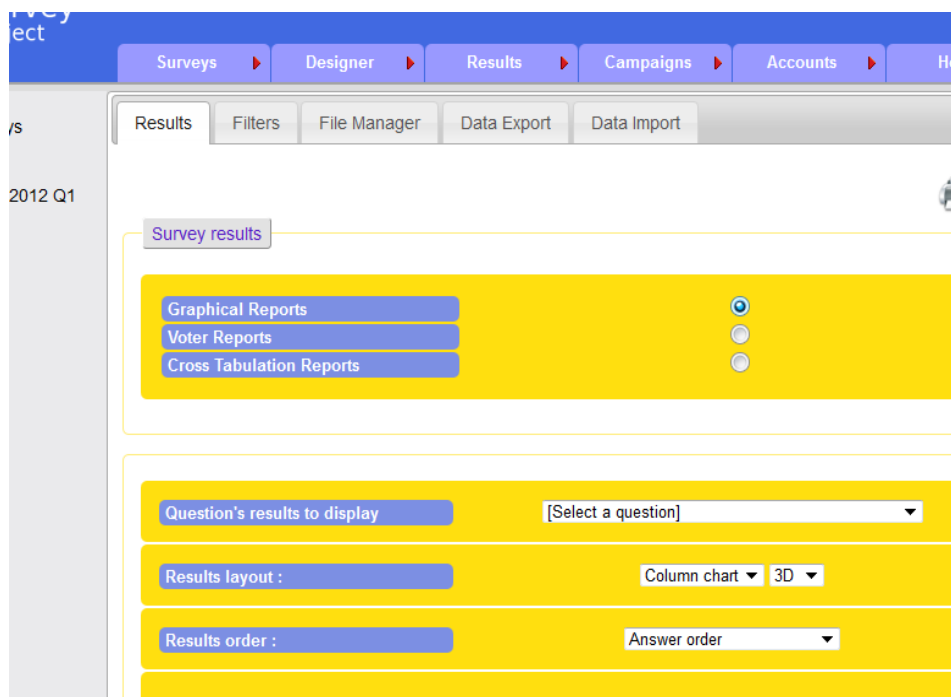
## 2. Graphical Reporting Charts added and updated

### *a. General Description*

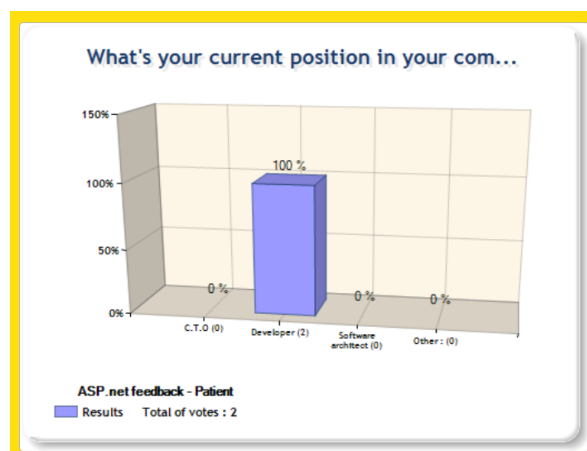
- Graphical reporting charts have been added and updated:

- \* Column chart (updated)
- \* Html chart (unchanged)
- \* Bubble chart (new)
- \* Bar chart (new)
- \* Pie chart (updated)

- 2D and 3D option per chart type are available



*New Graphical Charting options*



*New Column Chart 3D*

#### Technical changes

- former webcharting objects are removed and replaced by the MS Chart control
- web.config: MS Charts lines added

#### b. Application

New and modernized graphical reporting charts are now available including a 2D/3D option per charttype. Menu Results/ Reports/ .. Graphical Reports ... Question Results to Display (select) ... Results Layout (select) ....

The former charting object was no longer supported. The use of the MS Chart control and charting library is much more flexible and offers more (presentation) features.

More information on MS Charts:

[https://msdn.microsoft.com/en-us/library/dd456632\(VS.100\).aspx](https://msdn.microsoft.com/en-us/library/dd456632(VS.100).aspx)

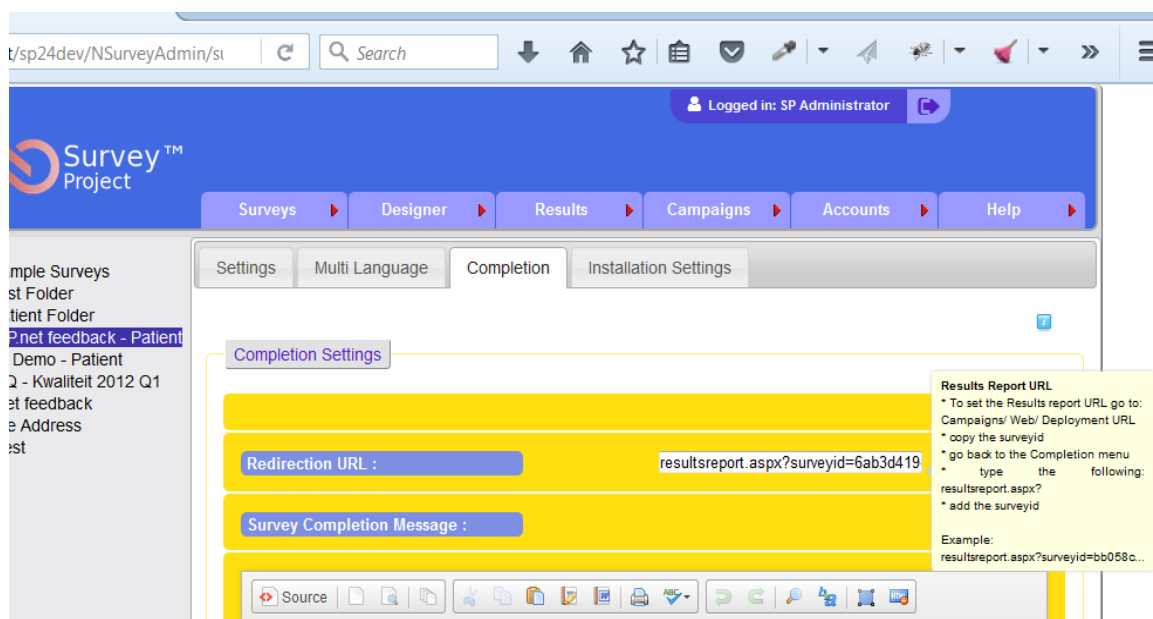
### 3. Option to present a resultsreport after submitting survey

#### a. General Description

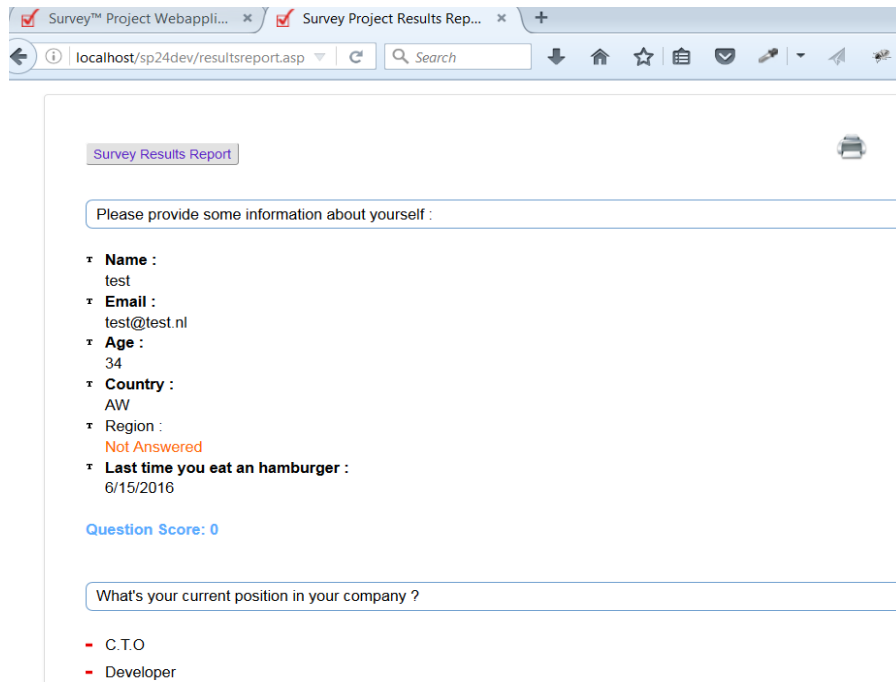
- Option to show a survey results report to the individual respondent after submitting the survey.
- Option can be set through menu Survey/ Settings/ Completion --> Settings/ Redirection URL...
- Help Tip added to Redirection URL field
- Description added to Helpfile Completion Actions

#### Technical changes

- new webpage added: webroot/ resultsreport.aspx
- based on the voterreport: surveyid, voterid (session);
- url set through completion settings;
- surveyprivacy: completion page tooltip added
- helppage completion: resultsreport redirection url
- xml helpfile en-us entry added



Completion Settings: Results Report



Survey Results Report

Please provide some information about yourself :

Name :  
test  
 Email :  
test@test.nl  
 Age :  
34  
 Country :  
AW  
 Region :  
Not Answered  
 Last time you eat an hamburger :  
6/15/2016

Question Score: 0

What's your current position in your company ?

☐ C.T.O  
☐ Developer

*Results Report Example*

### b. Application

The results report will show an overview of all questions and answers submitted by the respondent. The report can be printed by clicking the reports print button.

The report is a copy of the existing voterreport which is available at menu Results/ Reports/ .. Voter Reports.. Details...

To activate the option to present the resultsreport after submitting the survey the resultsreport url of the survey has to be added to the Redirection URL field at the Completion settings.

Go to menu Survey/ Settings/ Completion/.. and enter the url of the resultsreport into the Redirection URL field according to the instructions (tooltip + helpfiles).



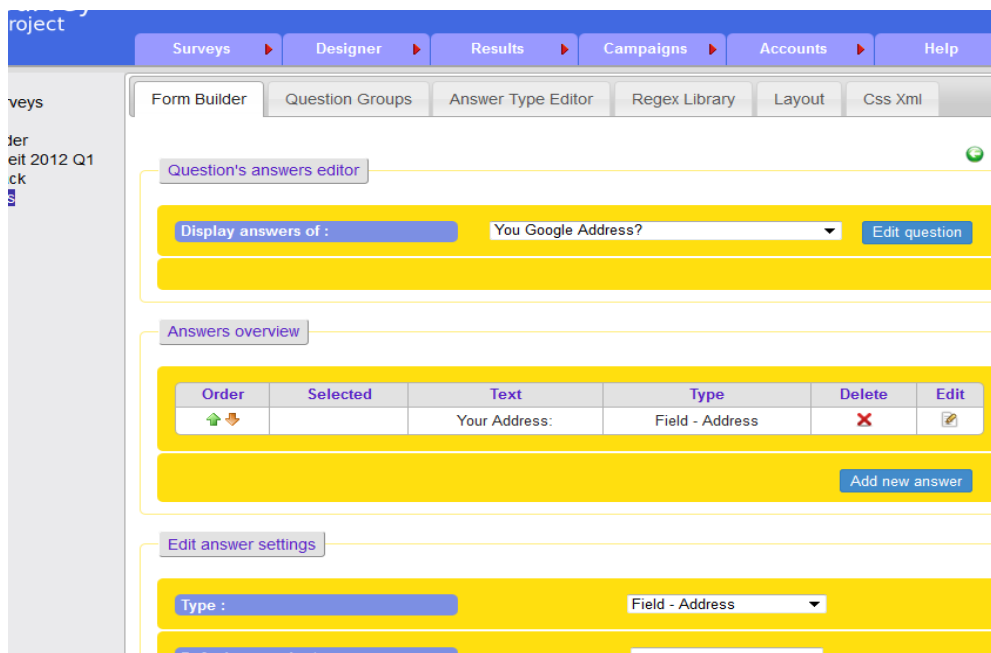
#### 4. New Answer Type: (Google) Address Field

##### a. General Description

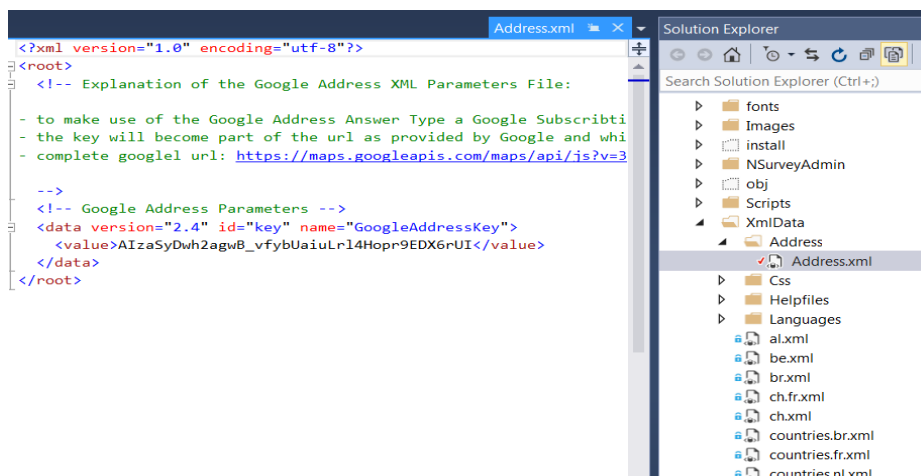
- A new (field) Address answertype has been added to the list of (default) answertypes to select from when creating questions and adding answers
- A helpfile has been added to the Helpfile menu explaining the working of the Address Answer Type
- An XML file has been added to set/ edit the Google Maps Keys

##### Technical changes

- AnswerFieldAddressItem.cs added to Votations.NSurvey.WebControls.UI Library
- databasechanges: table Vts\_tanswerswertype
- XmlData\Address folder added and Address.xml
- helpfile added Help\Field\_Address.aspx



Answer Editor (Google) Field Address Type



Google Address Field - Address.xml file

### *b. Application*

- The new Address Answer Type can be selected from the list of available (default) answertypes when adding answers to a question;
- it can be used on the surveyform to search/ enter and complete addresses/ locations though Google Maps;
- the selected address will also be presented on the surveyform as a marker on a map;

### *Installation*

- to make use of the Google Address Answer Type a Google Subscription is needed in order to get a key;
- the key must be copied to the Address.xml file at the XmlData\Address directory;
- the key will become part of the url as provided by Google and which is programmed into SP;
- the complete Google url: [https://maps.googleapis.com/maps/api/js?v=3.exp&libraries=places&sensor=false&key=AlzaSyDwh2agwB\\_vfybUaiuLrl4Hop9EDX6rUI&language=en](https://maps.googleapis.com/maps/api/js?v=3.exp&libraries=places&sensor=false&key=AlzaSyDwh2agwB_vfybUaiuLrl4Hop9EDX6rUI&language=en)

### *Google Maps Keys*

For Information & Links go to:

<https://developers.google.com/maps/documentation/javascript/get-api-key>

The working of the Google Maps features is determined by the Google Company. Limitations may apply.

More information can be found at:

<https://developers.google.com/maps/documentation/javascript/usage>

## 5. Paging Options

### *a. General Description*

- Paging options are added to
  - \* surveylist page (overview of surveys)
  - \* mailing status page
  - \* mailing error log page

### *Technical changes*

a- surveylist.aspx page, default pagesize set:

```
<asp:GridView ID="gridSurveys" Width="100%" runat="server" AutoGenerateColumns="False"
AllowSorting="True"
    ShowHeaderWhenEmpty="true" OnSorting="gvSurveys_Sorting" AlternatingRowStyle-
BackColor="#FFF6BB" ShowFooter="True" AllowPaging="True"
OnPageIndexChanging="gridSurveys_PageIndexChanging" PageSize="10" FooterStyle-
BackColor="#FFDF12" FooterStyle-BorderStyle="None" FooterStyle-BorderColor="#E2E2E2">
```

b- mailingstatus.aspx, default page size set:

```
<asp:datagrid id="PendingEmailsDataGrid" runat="server" PageSize="2" AllowPaging="True"
AutoGenerateColumns="False" Width="100%" >
```

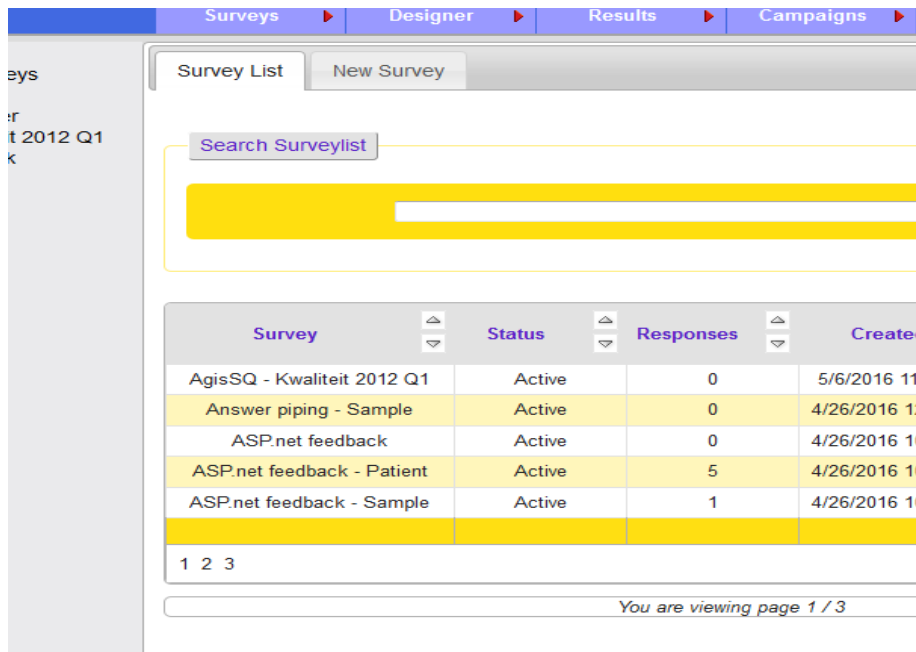
```
<asp:datagrid id="AnsweredEmailsDataGrid" runat="server" border="0" AllowPaging="False"
Pagesize="3" AutoGenerateColumns="False" Width="100%">
```

c- mailinglog.aspx

```
<asp:datagrid id="MailingLogDataGrid" runat="server" Width="100%"
```

AutoGenerateColumns="False" AllowCustomPaging="True" PageSize="1">

d. databasechanges: adjusted stored procedures



Survey	Status	Responses	Created
AgisSQ - Kwaliteit 2012 Q1	Active	0	5/6/2016 11
Answer piping - Sample	Active	0	4/26/2016 12
ASP.net feedback	Active	0	4/26/2016 10
ASP.net feedback - Patient	Active	5	4/26/2016 10
ASP.net feedback - Sample	Active	1	4/26/2016 10

1 2 3

You are viewing page 1 / 3

*SurveyList Paging Option*

#### *b. Application*

##### *a. Surveylist*

- In case of > [\*] surveys the paging option will appear on the surveylist table to page to the next set of surveys;
- the number(\*) of surveys per page to be shown can be set by editing the surveylist.aspx page (see technical changes)

##### *b. Mailing Status page*

- In case of > [\*] pending or validated mailmessages in the overview lists the next/previous page links are activated;
- the number(\*) of messages page to be shown can be set by editing the mailingstatus.aspx page (see technical changes)

##### *c. Mailing Errorlog Page*

- In case of > [\*] mailing errorlog messages in the overview lists the next/previous page links are activated;
- the number(\*) of messages page to be shown can be set by editing the mailinglog.aspx page (see technical changes)

## 6. New CSS features

### *a. General Description*

#### I- Css Xml Layout Options

As part of the different features to determine the look and feel of the surveyform as it is presented to respondents a list of CSS/ XML entries has been created.

Through this list the "CSS Selectors" column can be edited. The CSS Selector or CSS Class names refer to the selectors and classes as defined in the CSS files (\*.css) used with a particular survey (default or custom). CSS files can be found in the NSurveyAdmin/CSS directories.

If a CSS Selectors is added (multiple selectors per item are possible) it's CSS rules will be applied to the part of the surveyform/page that can be recognised by the ID that is mentioned in the ObjectID column.

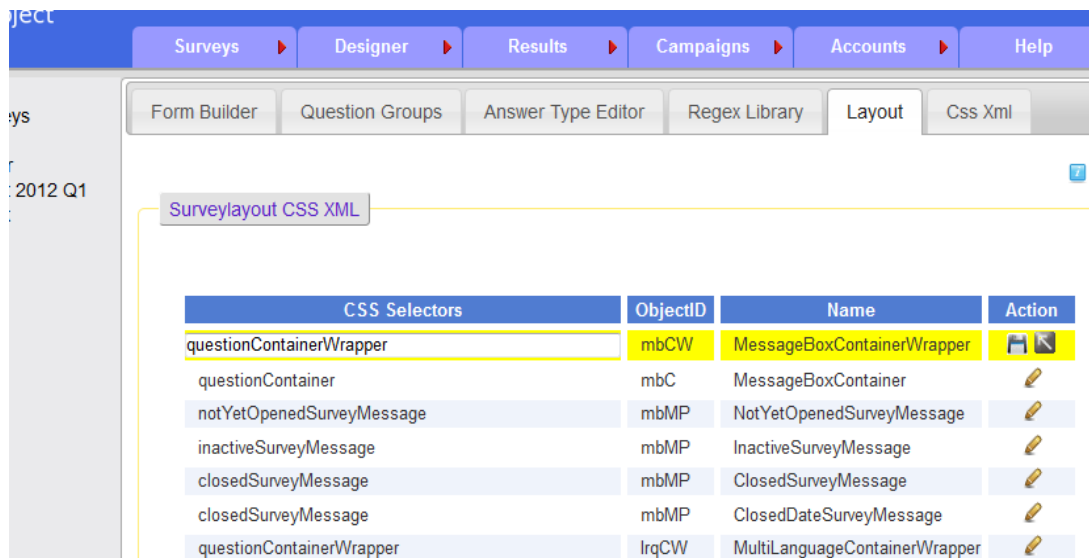
Different parts of the survey webpage and surveycontrol have been given an ID that can be used in client-side scripting (e.g. Javascript or JQuery) or to apply specific CSS rules to a page element or object. The Name Column briefly describes the particular element and its feature/ function.








When rendered on the webpage an ID is proceeded by "SurveyControl\_". ID's can be found in the browsers HTML code of the webpage (click F12 button).

### *Radiobutton Labeltext Alignment*

One special entry in the list called 'GlobalRadioButtonTextAlign' is used to determine the left or right position of the radiobutton labeltext. Instead of referring to a CSS class or selector the entry is picked at runtime to present the label left or right of the radiobutton.

Options to set the alignment are: 'Left' or 'Right' (case sensitive).



CSS Selectors	ObjectID	Name	Action
questionContainerWrapper	mbCW	MessageBoxContainerWrapper	
questionContainer	mbC	MessageBoxContainer	
notYetOpenedSurveyMessage	mbMP	NotYetOpenedSurveyMessage	
inactiveSurveyMessage	mbMP	InactiveSurveyMessage	
closedSurveyMessage	mbMP	ClosedSurveyMessage	
closedSurveyMessage	mbMP	ClosedDateSurveyMessage	
questionContainerWrapper	lrcCW	MultiLanguageContainerWrapper	

*SurveyLayout CSS XML editor*

## II - Selection Answertype CSS

A special option is available to determine the CSS class used on Selection Answertypes - Radiobutton. Besides making use of the CSS/XML list its possible to set the CSS on the DIV tag surrounding individual Selection Answertype Radiobutton through the Answer Editing form.

Answers overview

Order	Selected	Text	Type	Rating	Delete
<div> <div></div> <div></div> </div>	<input type="radio"/>	Answer one	Selection - Text	0	✖
<div> <div></div> <div></div> </div>	<input type="radio"/>	Answer Two	Selection - Text	1	✖

Add new

Edit answer settings

Type :

Selection - Text

ID :

Atwee

Alias :

Answer Two

Answer text :

Answer Two

Image URL :

Radiobutton CSS :

TESTCSSCLASS

*RadioButton CSS*

### b. Application

When a Selection Answertype Radiobutton is chosen from the Type DropDownList the Radiobutton CSS option is shown to enter a CSS Class/ selector as defined in the CSS files.

If the "Radiobutton CSS" textbox is left empty but the Alias textbox is filled with the name of any existing CSS class the particular CSS class/ selector will be applied to the Answer DIV.

## 7. Token Security Labels added

Minor adjustment: two labels/ headers added to the webpage to clarify the page structure.

## 8. Answer Editor Page presentation

Adjustment: depending on the answertype selected from the DropDownList the appropriate answersettings will show on the page.

Former situation: all rows were shown including rows not containing setting options.

#### 9. Asp.net User on voterreport

Adjusted to "SP username"

##### *Technical change*

\* XML language files

```
<data version="1.4" id="432" name="VoterUserNameLabel">  
  <value>SP Username :</value>  
</data>
```

#### 10. RequiredMarker Title and ordering

\* title attribute added (xml/code)

\* text/help text split -> new order: number, text, mandatory, help

### III. Bugfixes

#### 1. Security Setting Entries missing

- issue vts\_tbsecuritysettings
- \* two entries missing from table: filter, token --> added to mssql scripts (2x)

#### 2. Codeplex issue 10103 - XML language files not containing all elements

- ongoing open issue, but several new entries added to code and xml files

#### 3. - Github issue ... - XML question import error

- error on importing XML file containing SP question (exported from SP)
- > solved: remove code asking for surveyid (is null)

#### 4. Completion Redirection URL removed

- if a Redirection Url was set and save it would be removed again after making changes to the Settings/ Notification options;
- this was caused by an incomplete Stored Procedure and some missing code;

### IV. Technical Changes

#### 1. Automated creation of Install version

##### *a. General Description*

Several changes have been made to enable creating a "ready to use" install package automatically of the SP webapplication when the solution is build/compiled with [release] settings in Visual Studio:

##### *Technical changes*

- \* MS Buildscripts are added to create install files on release compile to the [install] directory
- \* web.config transform files added (debug, release)
- \* the [deployment] directory is used for the web.config transform
- \* surveyproject.sp file is added to read the correct SP version on build;
- \* surveywap.cproj file changes: MS build additions

##### *b. Application*

These changes are meant to be used by webdevelopers/ programmers:

- To create a new install package of the SP source code files open the SP solution (including 8 projects) in Visual Studio and set the "solution configuration" to [release];
- Next (re)build the entire solution to create a zip file containing the necessary install files for SP;
- The zip file [SurveyProject\_02.04.00\_Install.zip] is saved to the [Install] directory;
- All code and technical files have been removed from the install version;
- The install package can be used to implement SP for production purposes on any webserver

## 2. SurveyBoxControl Usercontrol

### *a. General Description*

- A new usercontrol [surveyboxcontrol.ascx] has been added in the NsurveyAdmin/UserControls directory

### *b. Application*

- The Usercontrol could be used as an option to integrate the SP frontend into 3d party webapplications
- Features are copied from the surveymobile.aspx files and technically adjusted to the (.ascx) Usercontrol format
- More information on the Integration of the SurveyBox Webcontrol into (3d Party) Webapplications - (2014/09/13) can be downloaded at:

<http://download-codeplex.sec.s-msft.com/Download?ProjectName=survey&DownloadId=908946>

## 3. SurveyBox DNN module adjustments

### *a. General Description*

- Technical adjustments are made to enable the integration of the SP survey frontend into the DNN CMS through the Surveybox DNN module:

\* if statements are added to differentiate between DNN and SP directories (desktopmodules or scripts)  
webcontrol proj: freetextbox , fieldslider

\* in the web.config file the application name is added:  
<add key="SiteName" value="Survey Project" />

### *b. Application*

The technical changes have no effect on the working of SP but are necessary to make the SurveyBox DNN module work correctly with a DotNetNuke (DNN) CMS installation.

## 4. HTML5 settings/ directives

### *a. General Description*

- Html5 based settings and directives have been applied to the surveymobile.aspx page (survey presentation page).

### *b. Application*

-

## 5. SurveyMobile.css Redo

- Cleanout, restructuring and commenting of the main surveyform CSS file



- Minified version added for production purposes and faster loading (minified through: <https://devilo.us> )

#### 6. SQL files saved as UTF-8

- all SQL files have been saved as UTF-8 instead of the default UTF-16 of MSSqlserver
- reason to switch: compatibility with the Github Repository

### **Additional Information & Sources**

More information on SP features can be found at:

<http://www.surveyproject.org>

<http://survey.codeplex.com>

<http://www.youtube.com/thesurveyproject>