



## Installation Guide for DNN® Module: SurveyBox v. 1.1

*Survey™ Project Technical Documentation*

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## I. Introduction

This installation guide can be used to setup and install the SurveyBox v.1.1 DNN® Module for the DotNetNuke® CMS v. 7.\* webapplication.

The SurveyBox DNN module is developed by Frysland Webservices<sup>™</sup>. It offers easy integration of the Survey<sup>™</sup> Project's front end features into the DotNetNuke® CMS to present surveys, webforms and questionnaires to DNN users, respondents and voters.

To make full use of the SurveyBox Module both a Survey<sup>™</sup> Project (v. 2.3) and a DotNetNuke® (v.7.\*) installation are needed:

- a. The SP<sup>™</sup> v. 2.3 installation will be used to create and administer surveys, reporting etc.
- b. The DNN® installation will be used to publish the surveys and will be the interface to present the survey/webform through which respondents will be able to answer questions, vote, submit etc.

The SurveyBox Module installation can be executed completely through the DNN® CMS.

## II. Installation & Adjustments

### *Basics*

For a start the installation of both DNN® and Survey™ Project are necessary to be able to make use of the SurveyBox Module.

- Instructions on how to download and install DNN®:

- a. <http://www.dnnsoftware.com/community/download>
- b. <http://dotnetnuke.codeplex.com/>

- Instructions on how to download and install Survey™ Project:

- a. <http://www.surveyproject.org/>
- b. <http://survey.codeplex.com/>

Once both tools are installed as two separate webapplications the implementation of the SurveyBox module can start.

### *SurveyBox Installation*

To implement the SurveyBox Module two steps are needed:

- a- add the SurveyBox module to the DNN installation;
- b- add Survey settings and the SP databaseconnection details to the DNN web.config file;

**Note:** it is strongly advised to create a backup of your DNN web.config file before starting the implementation.

Next follow the instructions below:

#### a- add the SurveyBox module to DNN

##### **Actions**

- add the SurveyBox Module to DNN

To add the SurveyBox DNN module follow the regular instructions to add and install DNN modules through the Host/ Extensions Wizard.

Once installed the SurveyBox Module will be become available to add to DNN webpages from the list of DNN modules (Modules/Add New Module).

**Note:** before adding a SurveyBox module to a webpage it is advised to set the SP™ databaseconnection first. See the next step.

#### b- additions to the DNN web.config file

Two changes have to be made to the DNN web.config file through the Host/Configuration Manager:

- a. Add connection details to the SP™ database connection string to connect to the database of the Survey™ Project Installation;
- b. Add details to the "NsurveySettings" section where several settings are controlled (e.g. SMTP settings)

##### **Actions**

- log in as Host and go to the Host/ Configuration Manager;

- Select the web.config file from the list of Config files;
- Search the proper section/ position and fill out the details as described below;
- Add the correct SP™ database connection details: dbserver, dbname, username, password;

*a. To set up db connection to SP 23 installation*

```
<add name="SurveyProjectTestConnectionString" connectionString="Data Source=[your SP DB
server];Initial Catalog=[your SP database];Persist Security Info=True;User
ID=[yourdbusername];Password=[yourdbpassword]" providerName="System.Data.SqlClient" />
</connectionStrings>
```

### **Actions**

- Save the changes or continue with NsurveySettings and then save;

*b. NsurveySettings section (necessary for file paths/ smtp settings etc)*

**Note:** the entire section has been added to the end of the web.config file just before the </configuration> closing tag

```
<nSurveySettings>
  <!-- Path where you copied the nsurvey images and XML language files -->
  <add key="NSurveyImagesPath" value="~/DesktopModules/images/" />
  <add key="NSurveyXmlDataPath" value="~/DesktopModules/XmlData/" />
  <add key="NSurveyLanguagesPath" value="~/DesktopModules/XmlData/Languages/" />

  <!-- SMTP Server used to send out the standard emails -->
  <add key="NSurveySMTPServer" value="....." />
  <add key="NSurveySMTPServerPort" value="....." />
  <add key="NSurveySMTPServerAuthUserName" value="....." />
  <add key="NSurveySMTPServerAuthPassword" value="....." />

  <!-- Enable Secure Socket Layer (SSL) connection to SMTP server: true/ false-->
  <add key="NSurveySMTPServerEnableSsl" value="false" />
  <add key="EmailingProviderAssembly" value="Votations.NSurvey.Emailing" />
  <add key="EmailingProviderClass" value="Votations.NSurvey.Emailing.SystemWebEmailing" />

  <!-- User provider determined through Userprovider assembly -->
  <add key="UserProviderAssembly" value="Votations.NSurvey.UserProvider" />
  <add key="UserProviderClass" value="Votations.NSurvey.UserProvider.FormUserProvider" />

  <!--
      You can run nsurvey in a single user mode
      and let the default FormUserProvider create
      a "dummy" admin user on the fly. If enabled user management
      and access right checking features will be disabled.
  -->
  <add key="FormUserProviderSingleMode" value="false" />

  <!-- Do we allow the use of database queries using Sql based answer types ? -->
  <add key="SqlBasedAnswerTypesAllowed" value="true" />

  <!-- Assembly and pages that use the assembly must be in the same virtual directory -->
  <add key="WebDAL" value="Votations.NSurvey.SQLServerDAL" />
```

```
<!-- File upload answer items settings -->
<!-- How many hours can unvalidated uploaded files stay in the database -->
<add key="UploadedFileDeleteTimeOut" value="24" />

<!--
    How many hours can uploaded files for sessions that has no
    yet been resumed stay in the database. Leave some time
    because user wont get notified if its session have been deleted
    when he resumes
-->
<add key="SessionUploadedFileDeleteTimeOut" value="336" />

</nSurveySettings>
</configuration>
```

**Note:** instructions on how to use the NsurveySettings section can be found in the ReadMe.txt file of the Survey™ Project application.

### **Actions**

- Next start using the module – see section III. below.

### III. Using the SurveyBox Module

#### *Creating Surveys*

- To start making use of the SurveyBox module on DNN a survey will have to be created first through the Survey™ Project webapplication.
- To create a survey follow the instructions of the SP™ tool.

#### *SurveyBox Module Settings*

- Once a survey is created it can be published/ presented through the SurveyBox module on any webpage of the DNN installation.
- Multiple modules/ surveys per page are possible. There can be only one survey per module.
- To present a survey first add a SurveyBox module to the DNN webpage.
- Next go to the Settings section of the Module and click the "SurveyBox Settings" Tab
- This is where a surveyid of the survey to be presented has to be entered and saved.
- This can be done by selecting a survey from the dropdownlist.
- Next the SurveyId will be shown on the Settings page. It can be saved by clicking the Update button.

**Note:** the dropdownlist will show all surveys created through the SP™ tool even if they are not set to active.

#### *Present Surveys*

- Once the Survey is set and saved the surveydata (questions/ answers) are pulled from the SP™ database and presented on the DNN webpage;
- Any adjustments to the survey through the SP™ tool will be shown realtime on the DNN webpage as well.

#### **IV. Releases & Versions**

The SurveyBox v. 1.1.0.0 is the second version of this brandnew DNN module.

SurveyBox is a first attempt to make surveys and webforms created through Survey™ Project accessible in an easy way through the DNN interface by making use of DNN's module structure.

Even if its a first attempt our wish is it will serve it's purpose to a first group of "front-runners" and that their feedback will help to improve future versions.

Comments and feedback can be sent to: [mail@surveyproject.org](mailto:mail@surveyproject.org) or use the Forums of the Survey™ Project Community site at <http://www.surveyproject.org>



## V. Further Reading

Survey™ Project

<http://survey.codeplex.com/> - SP technical information, downloads & sources

<http://spdnn.codeplex.com/> - SurveyBox module technical information, downloads & sources

<http://www.surveyproject.org/> - SP Community site & Forums

<http://www.surveyproject.net/> - SP Test & Demo site

Dotnetnuke®

<http://dotnetnuke.codeplex.com/> - DNN Downloads

<http://www.dnnsoftware.com/> - DNN main site