

SLSocials



Plugin for displaying messages from the VK and Twitter social networks during live broadcasting

*Revision as of:
July 20, 2016*

User's Guide



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Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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Introduction

The SLSocials plugin can only be used with SoftLab-NSK products (starting with software version 5.7.310).

The SLSocials plugin is designed to display messages and comments from the VK and Twitter social media networks (vk.com and twitter.com) as titles.

The SLSocials plugin is an additional program option. It can be used as an addition to the ForwardT/ForwardTS products.

This guide contains instructions on installing the plugin and setting up translation.

It is highly recommended to first read the instructions on setting up and managing titles in SoftLab-NSK products (for example, the «[FDTitle Designer. Title project editor](#)» user`s guide).



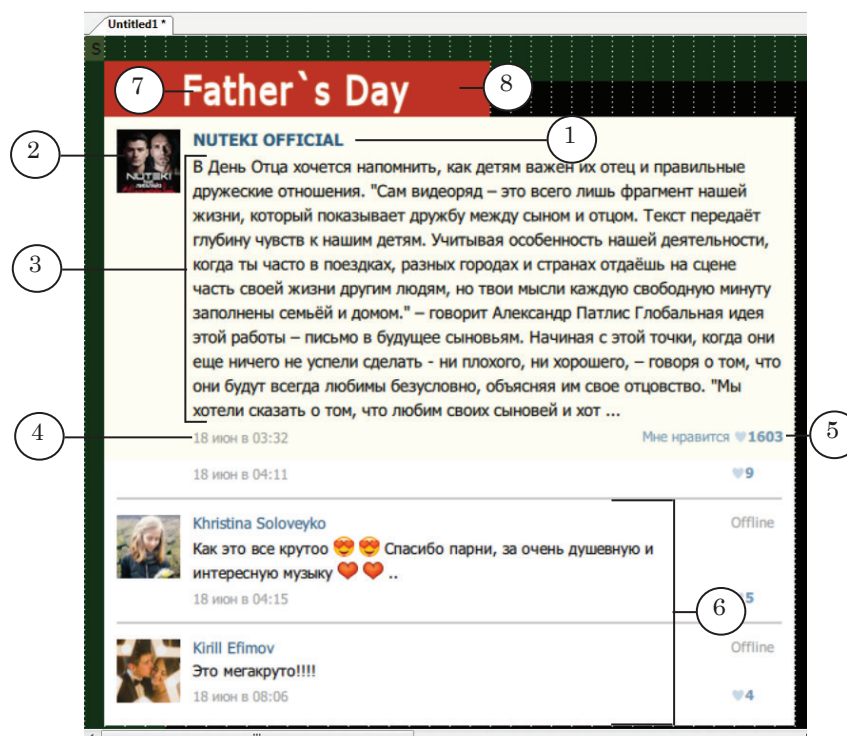
General Information

1. Displayed information

When using the SLSocials plugin, the text part of the messages and comments from the VK and Twitter social media networks are displayed. Photos and videos are not displayed.

1.1. VK

From a chosen community on VK one chosen post (1–4) is displayed, along with its amount of likes (5) and its comment feed (6).



Displayed information from a VK page:

1 – community name; 2 – avatar; 3 – text of the chosen post (maximum text length is set during set up); 4 – date and time of post; 5 – amount of likes; 6 – comment feed of the chosen post; 7 – additional title; 8 – background.

In the displayed comment feed, the amount of comments displayed depends on the set size of the comment feed section (the size of the section can be changed). The feed moves upwards with a set speed: the comments are displayed for 5 seconds, then move up one position. The uppermost comment disappears, and a new comment is displayed at the bottom of the feed. The comments are organized in the feed by post date.

The user can add an additional title or comment (7) as well as a background for it (8) (for more information see the below section with the description of the script's title objects).

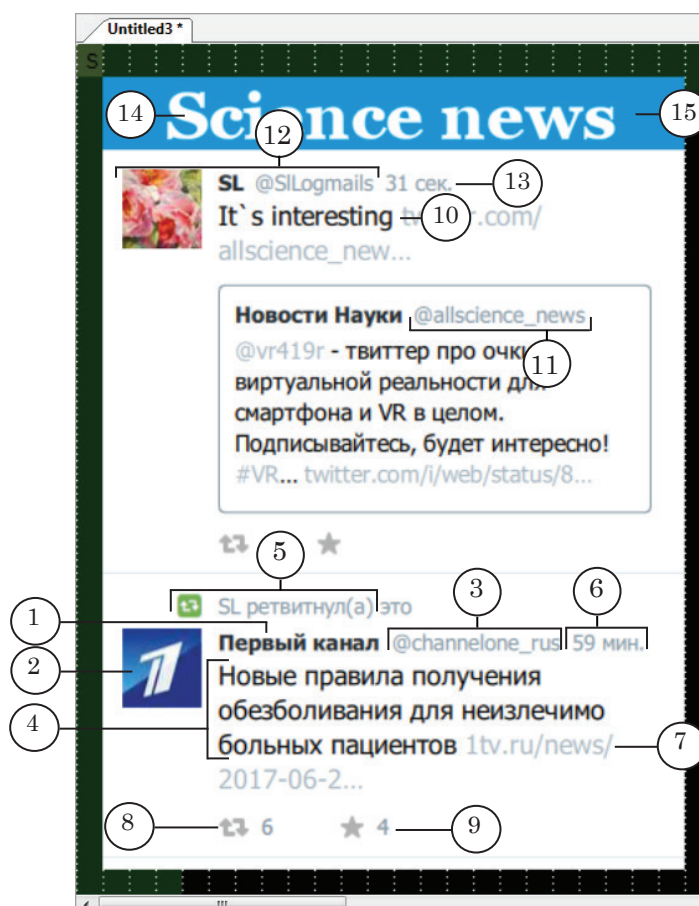


1.2. Twitter

From the chosen Twitter blog the Twitter feed messages (tweets, retweets, as well as comments to them) are displayed.

The amount of messages displayed depends on the set size of the feed section (the size of the section can be changed).

The message feed moves upwards with any new additions to the feed (tweets, retweets, etc.): the messages are displayed until a new message appears on the blog, after which everything moves one position down. The new message appears at the top, while the bottom most message disappears. The messages are organized in the feed by post date and time.



Displayed information from a Twitter page:

1 – username or blog name; 2 – avatar; 3 – nickname; 4 – message (tweet) text; 5 – retweet author; 6 – date or time of tweet post; 7 – website source link; 8 – amount of retweets; 9 – amount of likes; 10 – comment text; 11 – blogger nickname; 12 – comment author: avatar, username, nickname; 13 – date or time of comment; 14 – additional title; 15 – background.

The user can add an additional title or comment (14) as well as a background (15) for it (for more information see the below section with the description of the script's title objects).



2. Plugin contents

The SLSocials plugin contains the following components:

- the SLSocialsConfig program – designed for managing the display parameters of the messages from the VK and Twitter social media networks;
- title object templates with scripts for displaying messages from social media networks:
 - SocialsVK.SLTitleTpl – for the VK social media network;
 - SocialsTwitter.SLTitleTpl – for the Twitter social media network.

3. General procedure

The general procedure of setting up and managing the display of titles with information from the VK and Twitter social media networks is as usual: a title project needs to be prepared using the FDTitle Designer program and then loaded in FDO nAir.

To display information from the VK and Twitter social media networks in the titles, it is necessary to perform the following steps:

1. Using the SLSocialsConfig program, prepare a project in which the display parameters are set:
 - *.SLVKontakteConfig – for VK;
 - *.SLTwitterConfig – for Twitter.
2. Add a necessary script object to the title project:
 - SocialsVK – for VK;
 - SocialsTwitter – for Twitter.

The task for this title object is a corresponding project, created using the SLSocialsConfig program.



Installing and setting up the plugin

1. Software requirements

The following requirements must be met in order to work with the SLSocials plugin:

1. The computer uses the Windows 7 SP1 and Windows 10 operating system.
2. The broadcasting server has internet access.
3. The computer has a main product (ForwardT/ForwardTS) installed and registered.
4. The SLSocials software is installed and registered. A license is not necessary to set up the plugin and test it in the FDTitleDesigner program.
5. The software version of the main product and the plugin must be identical. It is recommended to use the latest software version.

✓ **Important:** A software version of 5.7.310 or higher is necessary to work with the SLSocials plugin.

The SLSocials plugin does not work with the Windows XP operating system along with several other operating systems. For more information on what operating systems are supported, see the «[ForwardT products FAQ](#)» section (paragraph 2.4) on the SoftLab-NSK website.

2. Installation features

The SLSocials plugin is installed in addition to a base product. The installation is performed using a plugin installer – ForwardTxPlugins_Setup_X_X_X.exe, where X_X_X is the software version (for example 5_7_310).

When installing, it is recommended to follow the following procedure:

Note: All necessary software components and additional instructions are available on the [Downloads](#) page of the SoftLab-NSK website.

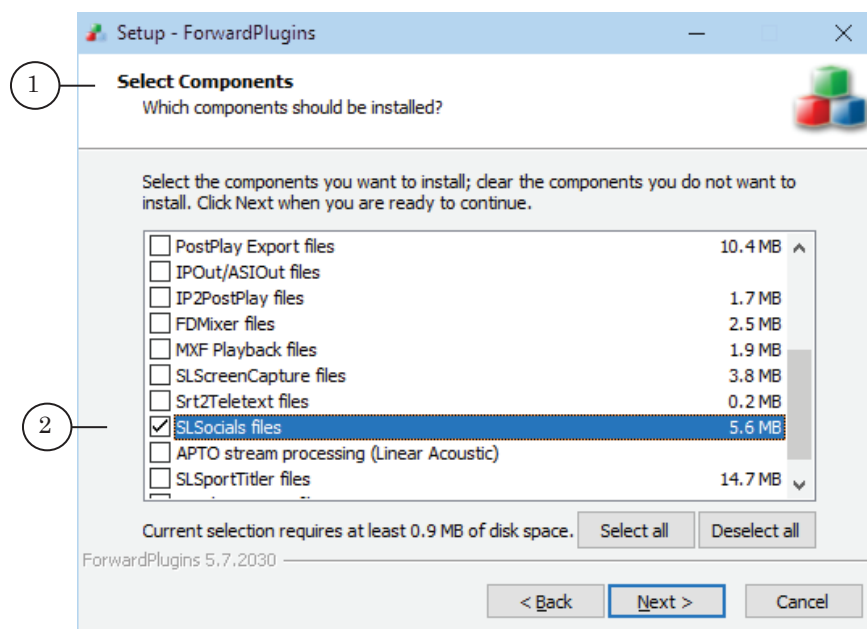
1. Make sure that the latest version of the main product is installed and that its registration is activated. If this is not the case, install and activate it.
2. Activate the SLSocials plugin registration. In order to do this, double-click on the registration file received along with the plugin and confirm the request to add the information to the Windows registry. The necessary information will be added to the system registry. For more information on registration, the «[ForwardT products FAQ](#)» section (paragraph 2.31) on the SoftLab-NSK website. Restart your



computer afterwards.

Note: If using a 64-bit operating system, activate the registration only through the Windows Explorer.

3. Install the SLSocials plugin software:
 1. Start the plugin installer and follow the Installation Wizard's instructions.



2. During the installation, on the Select Components page (1) flag the SLSocials files option (2).

4. The result of the installation and registration of the SLSocials plugin is the increase of functionality of the main product:
 1. The SLSocialsConfig program will be added to the software. The program file is `~\Plugins\SLSocials\SLSocialsConfig\SLSocialsConfig.exe`, where `~` is the path to the folder, containing the main product software. A shortcut to the program will appear on the desktop.



2. Files containing title object templates with scripts for displaying information from social media networks will be added:

- **SocialsVK.SLTitleTmpl** – for VK. File is in folder `~\Plugins\SLSocials\VK`;
- **SocialsTwitter.SLTitleTmpl** – for Twitter. File is in folder `~\Plugins\SLSocials\Twitter`.



Social media messages. Display set up

1. General procedure

In order to set up the display of titles with information from the VK and Twitter social media networks, complete the following steps (for more information see subsequent sections):

1. Open the necessary page of Twitter or VK using an internet browser. Copy the full page address (URL).
2. Start the SLSocialsConfig program (file: ~\Plugins\Socials\SLSocialsConfig\SLSocialsConfig.exe, where ~ is the full path to the folder, containing the ForwardT Software (default location: C:\Program Files\ForwardT Software)).

In the program window, set up the parameters for reading the messages from the chosen source and save the settings configurations in the project file:

- *.SLVKontakteConfig – for VK;
 - *.SLTwitterConfig – for Twitter.
3. In the FDTitle Designer program, create or open an existing title project that needs to have a title object with a script from the SocialsVK.SLTitleTpl or SocialsTwitter.SLTitleTpl file added. In the script settings a file saved in the SLSocialsConfig project program needs to be chosen as a task (step 2).
 4. Load the prepared title project in the FDO nAir program.



2. VK

2.1. Website address

1. In an internet browser, open the main page of the VK website – vk.com. Go to the page of the community (group) (1) the messages of you wish to show. In the address, select the ID (a unique identifier) (2) of the page, and copy it.

For example, if choosing the Nuteki Official community, the ID you need to copy would be nuteki_official (2).

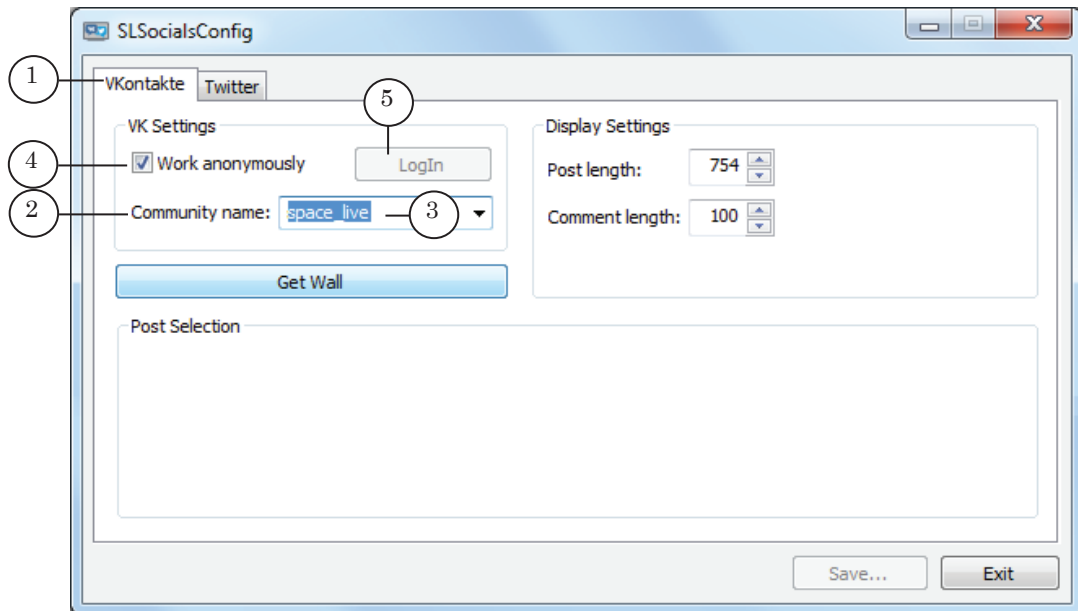
The screenshot displays the VK interface for the 'NUTTEKI OFFICIAL' community. The browser's address bar is highlighted with a red dashed box around the URL 'https://vk.com/nuteki_official', with a circled '2' indicating the ID 'nuteki_official'. The community name 'NUTTEKI OFFICIAL' is circled with a '1'. The page content includes a pinned post with a video thumbnail and text: 'В День Отца хочется напомнить, как детям важен их отец и правильные дружеские отношения.' Below this is a quote from Alexander Patlis: 'Сам видеоряд – это всего лишь фрагмент нашей жизни, который показывает дружбу между сыном и отцом. Текст передаёт глубину чувств к нашим детям. Учитывая особенность нашей деятельности, когда ты часто в поездках, разных городах и странах отдаёшь на сцене часть своей жизни другим людям, но твои мысли каждую свободную минуту заполнены семьёй и домом.' – говорит Александр Патлис. Below the quote is a red signature 'Привет, сын!' and the text 'NUTTEKI & Александр Патлис'. On the right side, there is a section for '27 friends follow' and 'Followers 35,042' with a grid of profile pictures including Tatiana, Vladilen, Semyon, Anastasia, Zhenya, and Petr. At the bottom right, there are links to the official YouTube channel and Instagram account.



2.2. SLSocials project

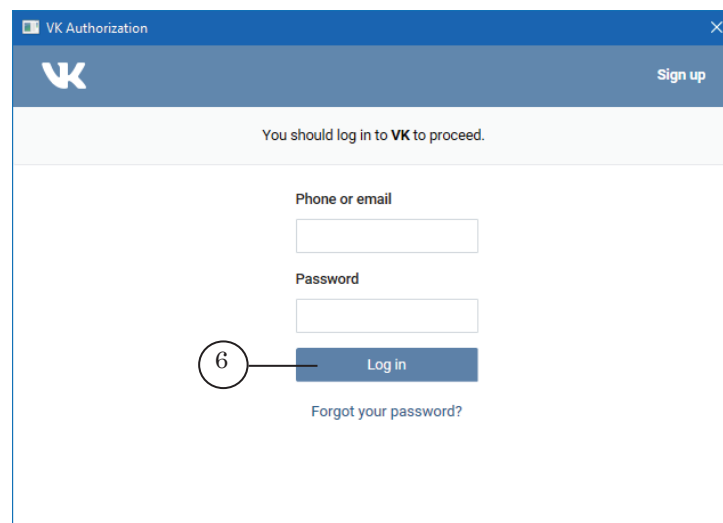
Start the SLSocialConfig program. In the program window open the VKontakte tab (1). Set up the settings:

1. In the Community name (2) field paste the ID (3) of the chosen community or select it in the list if you have used the ID previously.



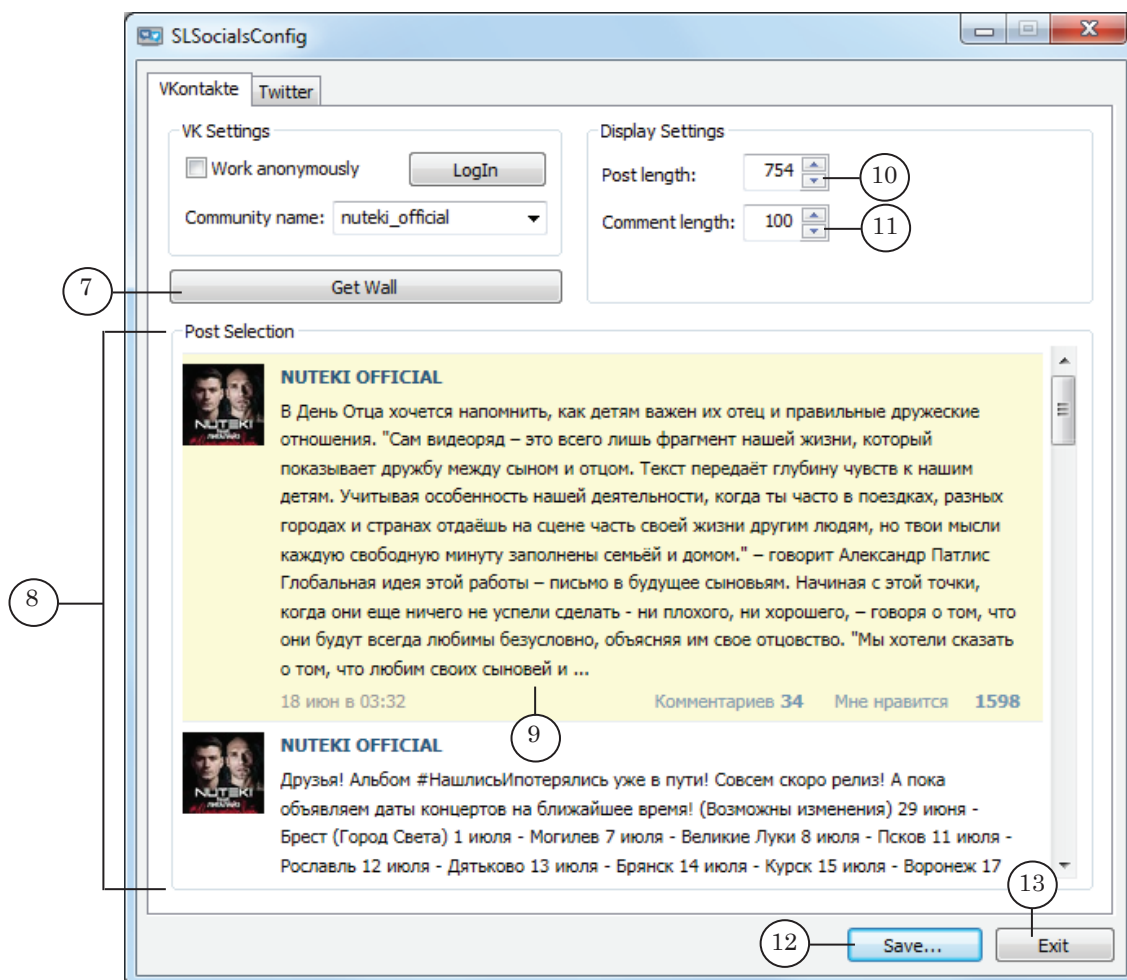
2. Manage the authorization:

1. If the community does not need authorization, flag the Work anonymously option (4).
2. In order to access the community as an authorized user, deselect the Work anonymously option and press the Log-In (5) button. In the opened VK Authorization window, enter the login and password and press Log in (6) to go to the community page.





3. Press Get Wall (7).
4. In the Post Selection field (8) the feed posts will be displayed. Choose the necessary post (9). The post text (during the entire duration of the display) and the comment feed will be displayed in the titles.



5. Using the Post Length (10) field the maximum amount of symbols in a message displayed on screen is set. Immediately after choosing a post the field will show the amount of symbols in the message text, which are counted automatically. If necessary, change the amount.
In the Comment length (11) set the maximum amount of symbols displayed in a comment.
6. Press Save (12). Using the standard dialog choose a folder to save in and name the project file. The project file will be saved with the SLVKontakteConfig extension.
7. Close the program window by pressing Exit (13).

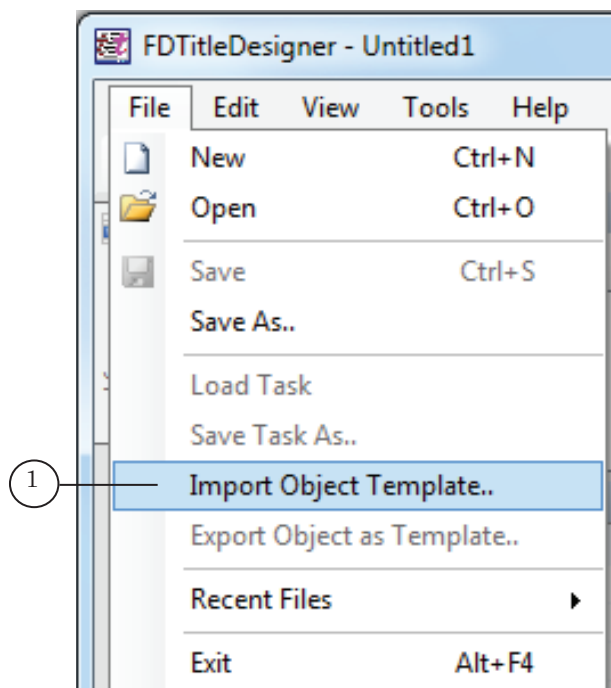


2.3. FDTitle Designer – title object import

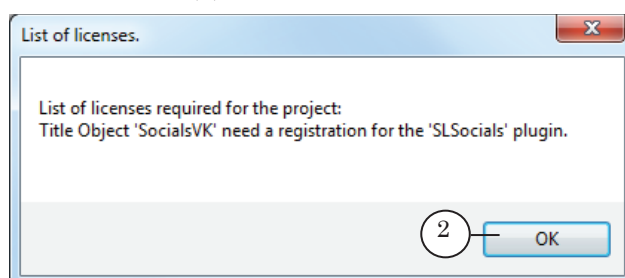
Note: For more information on creating title project see the «[FDTitle Designer. Title project editor](#)» user's guide.

In the FDTitle Designer program create/open a title project.
Add the title object for displaying messages from the VK social media network:

1. In the main window select the File > Import Object Template (1).



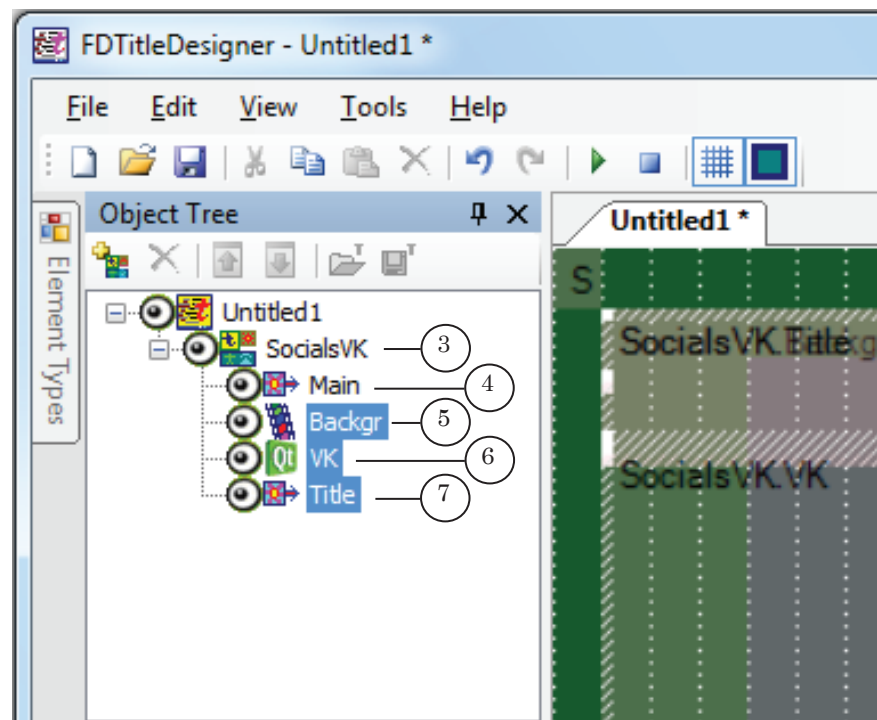
2. A notification regarding the necessity of having a license. Press OK (2) to close it.



✓ **Important:** The FDTitle Designer does not require a license for setting up and testing. While broadcasting using the FDO nAir program, if the SLSocials plugin does not have a license, it will not work.



3. The SocialsVK title object (3) will be added to the project.

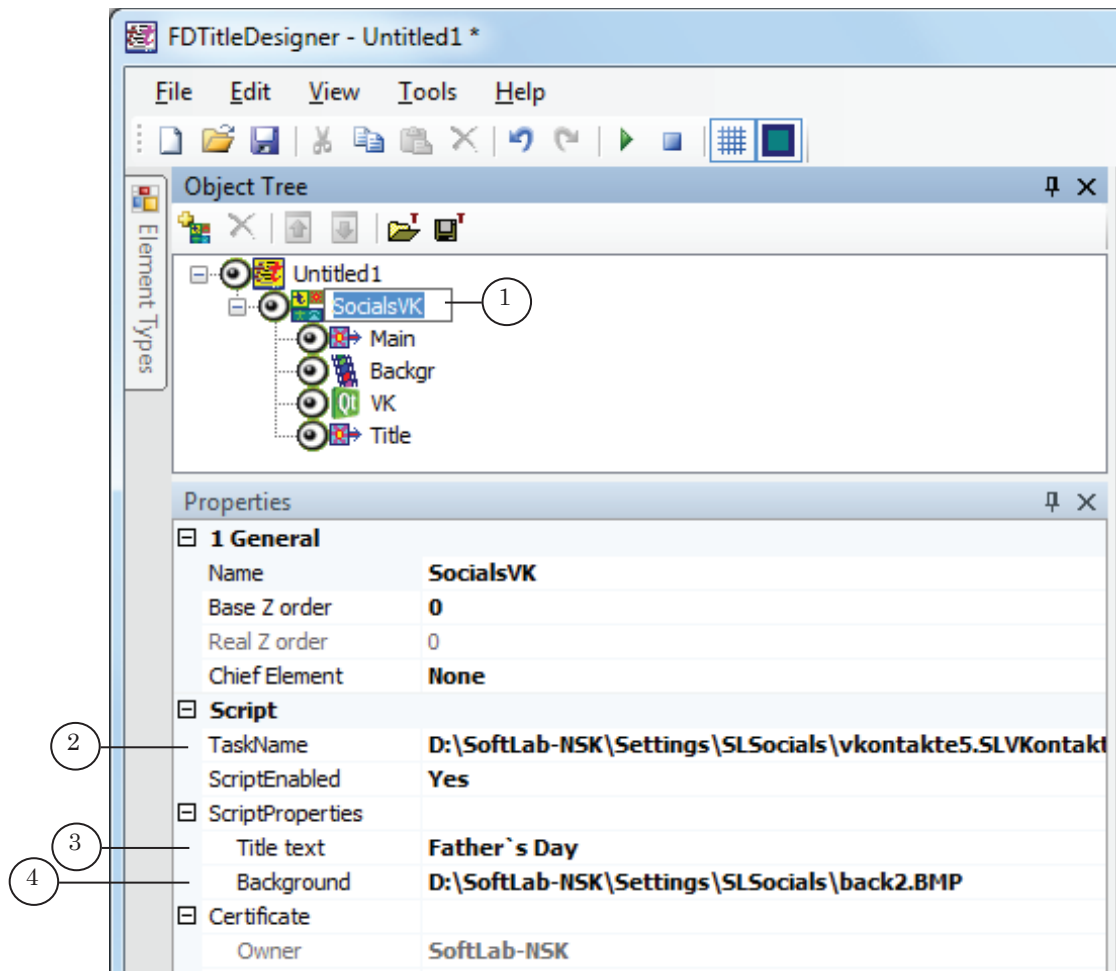


The SocialsVK title object contains several title elements:

- Main (4) – Caption element, service element, does not require set up;
- Backgr (5) – AnimLogo element, used to display the background (graphical file bmp, png, tga, jpg, or videofile);
- VK (6) – QML element, designed to show the messages (the chosen post and its comments);
- Title (7) – Caption element, designed to display the additional title, set during set up.

✓ **Important:** You can not change the element components of SocialsVK: rename or delete title elements, add new ones.

4. Set up the settings of the SocialsVK object:
 1. Make sure that the object is selected in the Object Tree (1).
 2. In the Properties table, Script group, in the TaskName field (2) set the full path to the project file, set up in the SLSocialsConfig program for the VK social media network (*.SLVKontakteConfig).

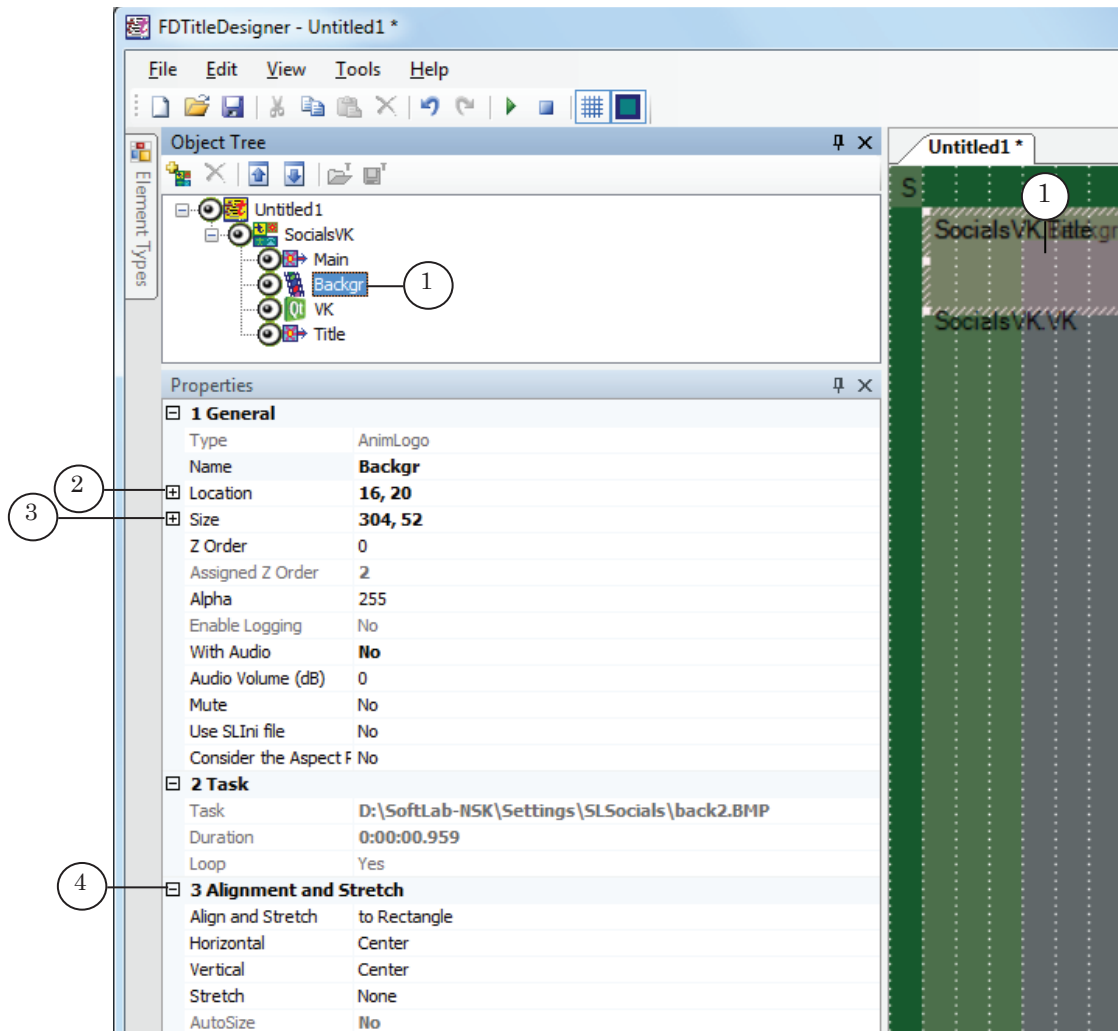


3. In the ScriptProperties group, in the Title text field (3) enter the additional title, if necessary. The additional title will be displayed using the Title element's size and placement.

4. In the Background field (4) set the full path to the file with the image or video for the background, if necessary. The background will be displayed using the Backgr element's size and placement.

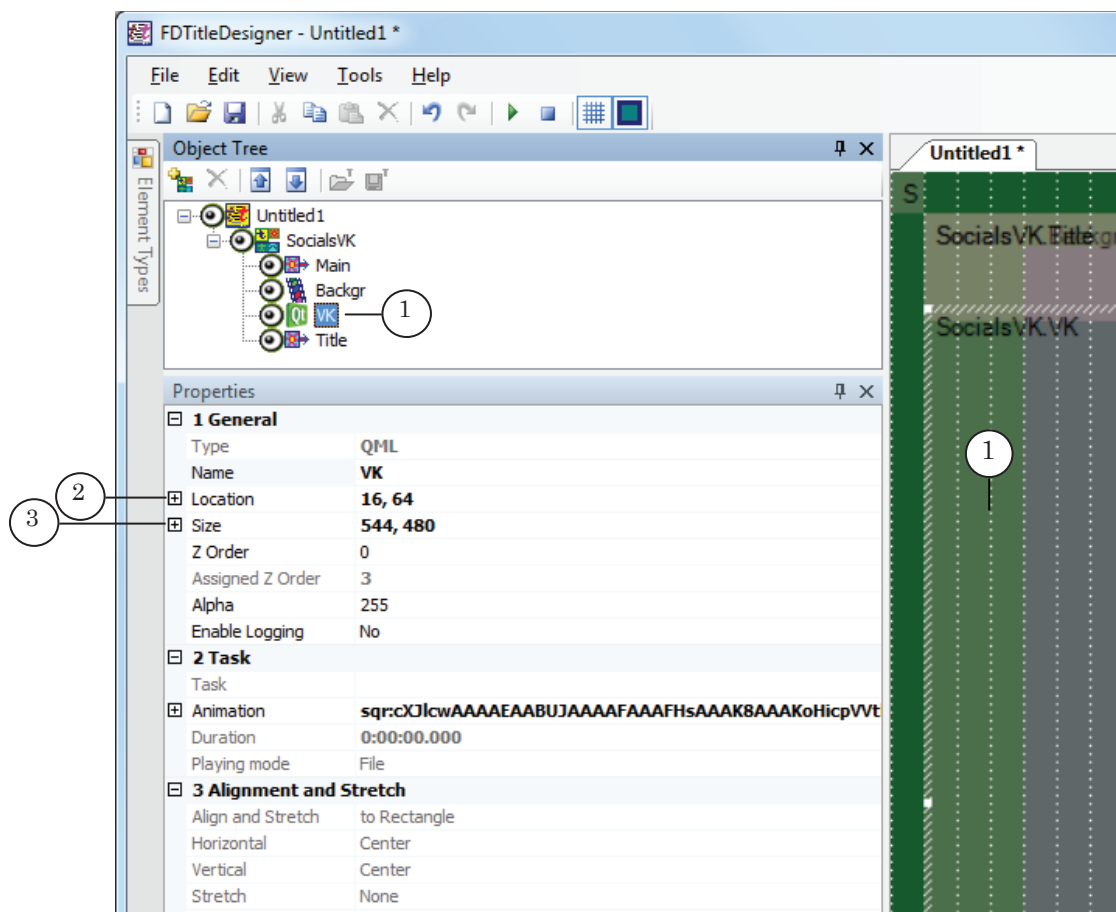


5. If it is necessary to change the size and placements of separate element object, complete the following:
 1. In the Object Tree window select the Backgr title element (1). The Properties table has the Location (2), Size (3), and Alignment and Stretch (4) parameter groups available for editing.



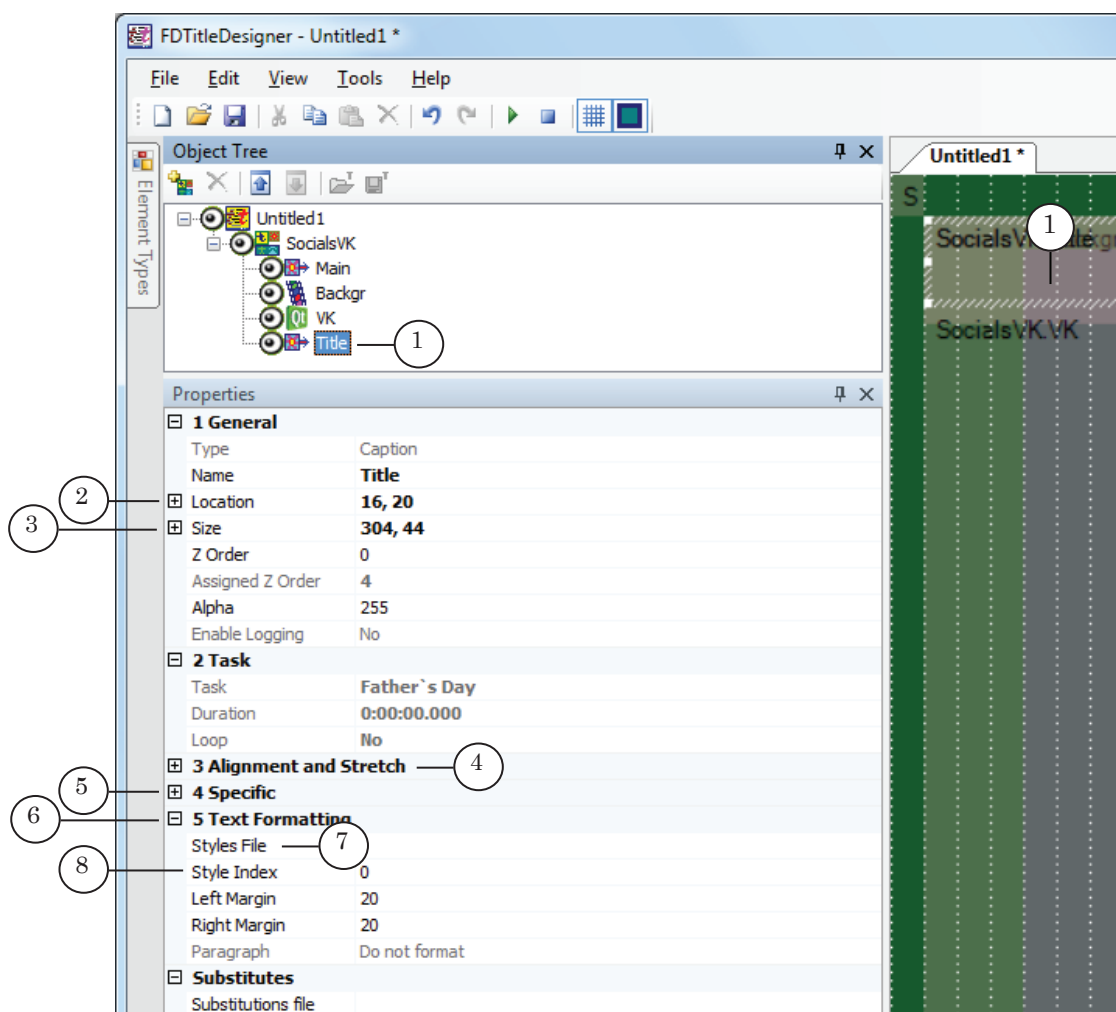


2. Select the VK title element (1). The Properties table has the Location (2) and Size (3) parameter groups available for editing.





3. Select the Title title element (1). The Properties table has the Location (2), Size (3), Alignment and Stretch (4), Specific (5), and Text Formatting (6) parameter groups available for editing.



4. In the Text formatting group, in the Styles File field (7) set the full path to the file containing the text styles (*.efc). Set the Style Index (8). (For more information on creating styles see «[Forward Titling. Graphical editor](#)» user's guide).



2.4. Preview

Start the preview by pressing Start Preview (1) button on the toolbar. The connection to the page might take some time. The working area will display the post and its comments from the VK feed in accordance to the set settings.

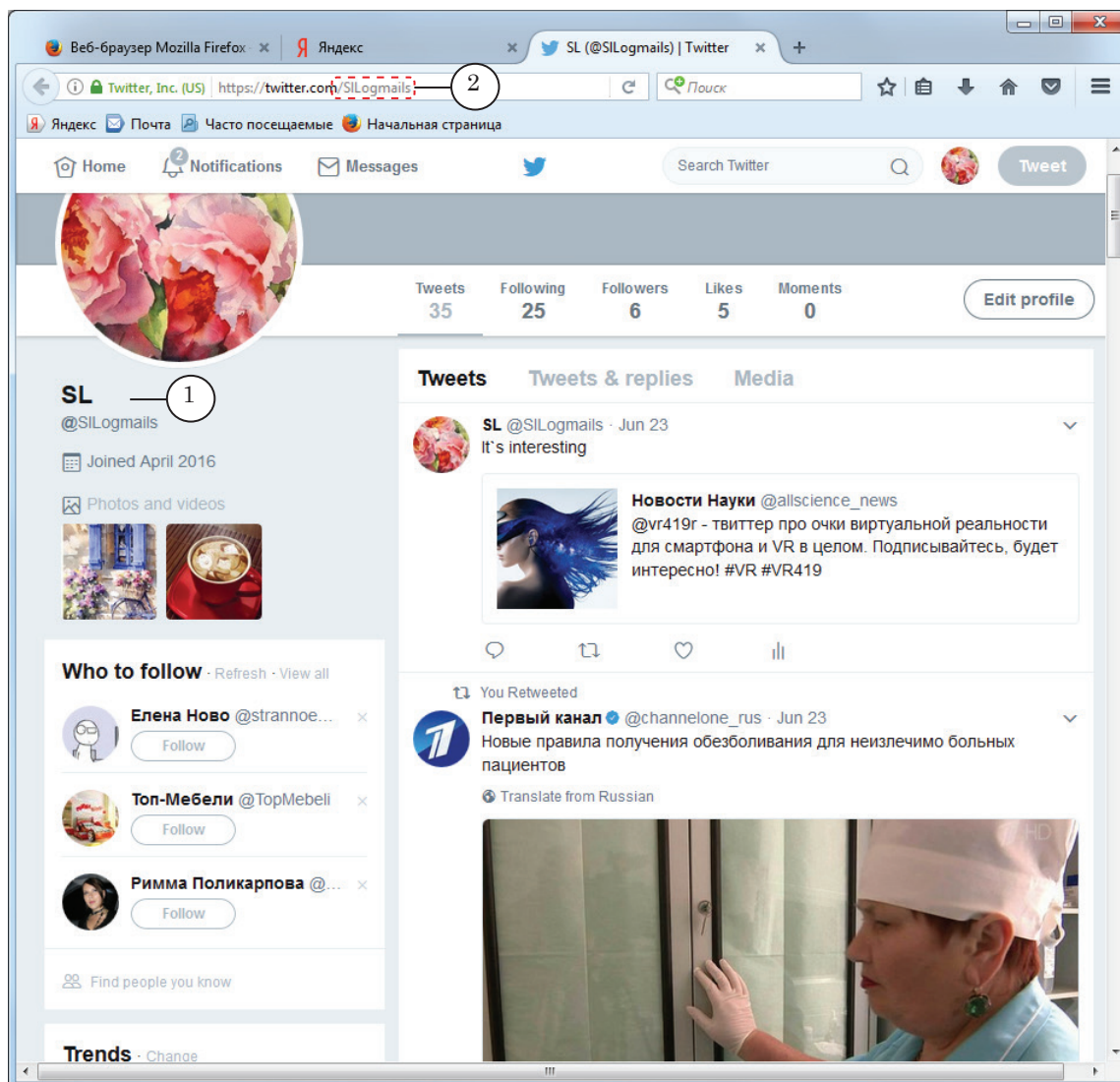




3. Twitter

3.1. Website address

1. In an internet browser, open twitter.com. Go to the page of the blog (1) the messages of you wish to show. In the address, select the nickname (a unique identifier) (2) of the page, and copy it.

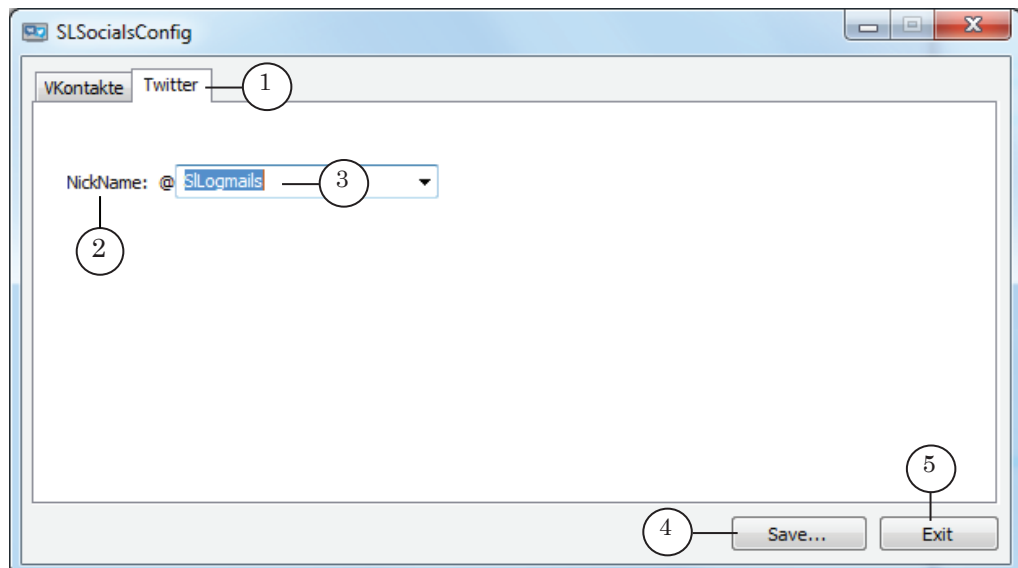




3.2. SLSocials project

Start the SLSocialConfig program. In the program window open the Twitter tab (1). Set up the settings:

1. In the NickName field (2) paste the nickname (3) of the chosen blog or select it in the list if you have used the nickname previously.
2. Press Save (4). Using the standard dialog choose a folder to save in and name the project file. The project file will be saved with the SLTwitterConfig extension.



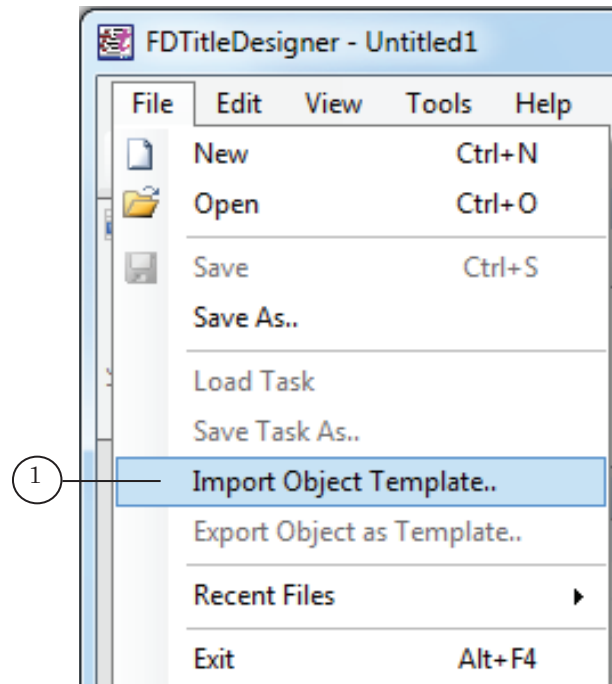
3. Close the program window by pressing Exit (5).

3.3. FDTitle Designer – title object import

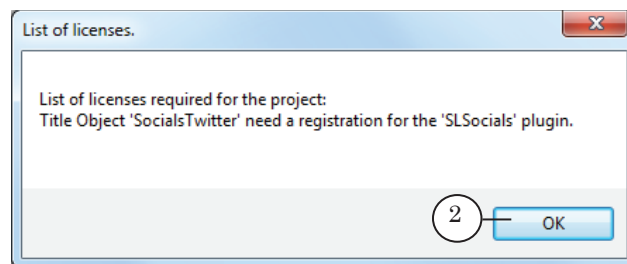
Note: For more information on creating title project see the «[FDTitle Designer. Title project editor](#)» user's guide.

In the FDTitle Designer program create/open a title project. Add the title object for displaying messages from the Twitter social media network:

1. In the main window select the File > Import Object Template (1).



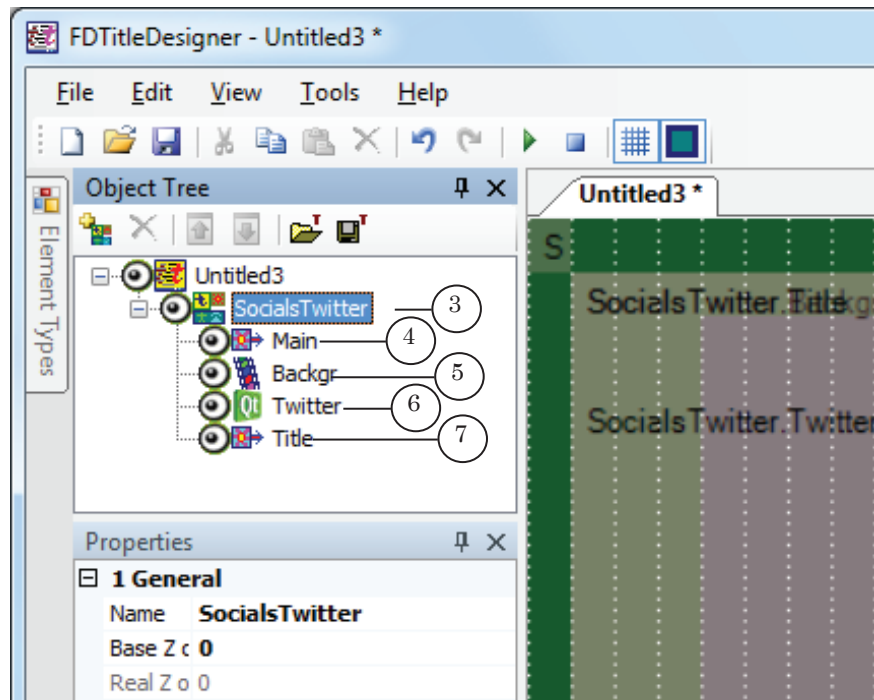
2. A notification regarding the necessity of having a license. Press OK (2) to close it.



- ✓ **Important:** The FDTitle Designer does not require a license for setting up and testing. While broadcasting using the FDO nAir program, if the SLSocials plugin does not have a license, it will not work.



3. The SocialsTwitter title object (3) will be added to the project.



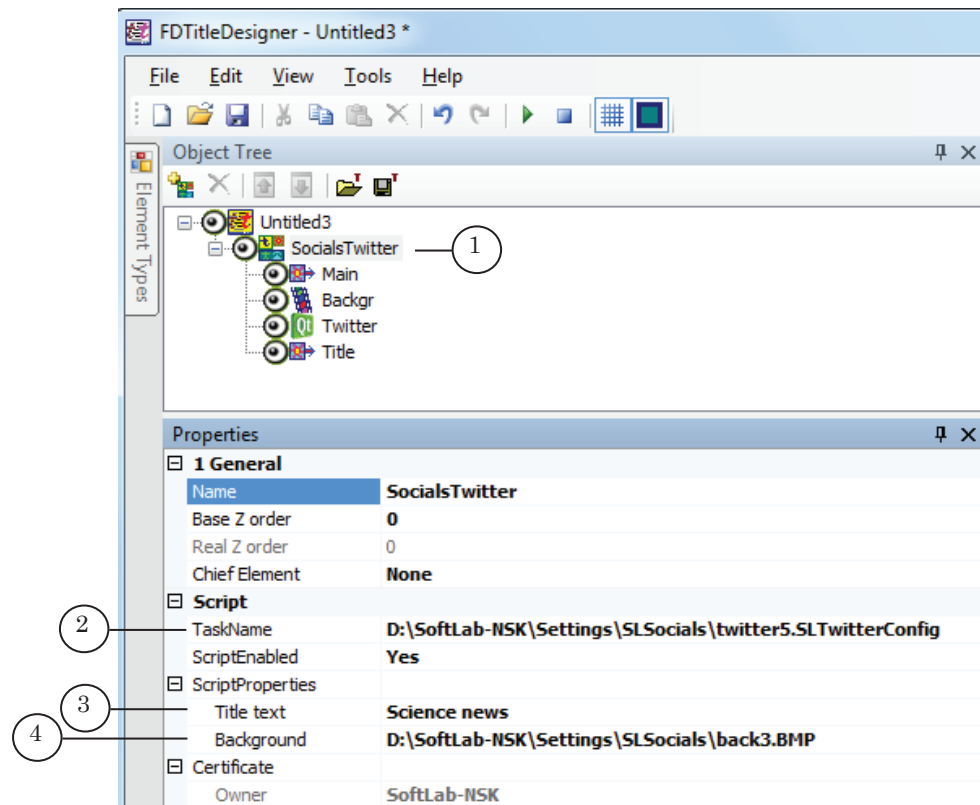
The SocialsTwitter title object (3) contains several title elements:

- Main (4) – Caption element, service element, does not require set up;
- Backgr (5) – AnimLogo element, used to display the background (graphical file bmp, png, tga, jpg, or videofile);
- Twitter (6) – QML element, designed to show the messages (tweets and comments to them) of the chosen blog;
- Title (7) – Caption element, designed to display the additional title, set during set up.

✓ **Important:** You can not change the element components of SocialsTwitter: rename or delete title elements, add new ones.

4. Set up the settings of the SocialsTwitter object:

1. Make sure that the object is selected in the Object Tree (1).
2. In the Properties table, Script group, in the Task Name field (2) set the full path to the project file, set up in the SLSocialsConfig program for the Twitter social media network (*.SLTwitterConfig).



3. In the ScriptProperties group, in the Title text field (3) enter the additional title, if necessary. The additional title will be displayed using the Title element's size and placement.
4. In the Background field (4) set the full path to the file with the image or video for the background, if necessary. The background will be displayed using the Backgr element's size and placement.
5. If it is necessary to change the size and placements of separate element object, complete the following:
 1. In the Object Tree window select the Backgr title element (1). The Properties table has the Location (2), Size (3), and Alignment and Stretch (4) parameter groups available for editing.



The screenshot shows the FDTTitleDesigner interface with the following components:

- Object Tree:** A hierarchical view of the scene. The 'Backgr' object is selected and circled with a '1'.
- Properties:** A table of properties for the selected 'Backgr' object. It is divided into three sections: General, Task, and Alignment and Stretch.
- Preview Window:** A 3D view of the scene showing a dark green background with text elements. A '1' is placed over the background area.

1 General	
Type	AnimLogo
Name	Backgr
Location	16, 20
Size	304, 44
Z Order	0
Assigned Z Order	2
Alpha	255
Enable Logging	No
With Audio	No
Audio Volume (dB)	0
Mute	No
Use SLIni file	No
Consider the Aspect Ratio	No

2 Task	
Task	D:\SoftLab-NSK\Settings\SLSocials\ba
Duration	0:00:00.959
Loop	Yes

3 Alignment and Stretch	
Align and Stretch	to Rectangle
Horizontal	Center
Vertical	Center
Stretch	None
AutoSize	No

Social media messages. Display set up



2. Select the Twitter title element (1). The Properties table has the Location (2) and Size (3) parameter groups available for editing.

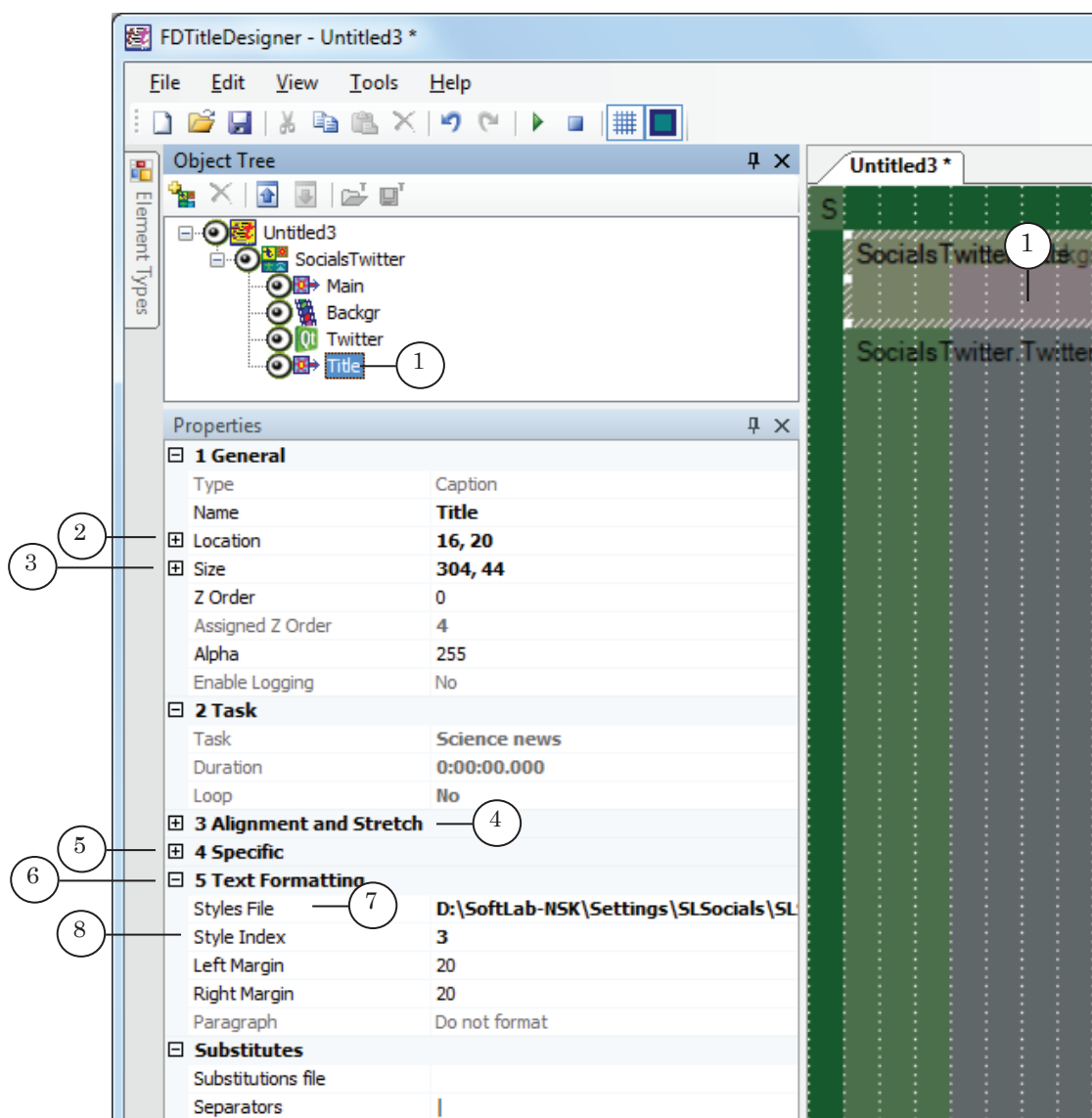
The screenshot shows the FDTTitleDesigner interface. The Object Tree on the left shows a hierarchy: Untitled3 > SocialsTwitter > Main > Backgr > Twitter (1). The Properties table below shows the following data:

1 General	
Type	QML
Name	Twitter
Location	16, 64
Size	304, 436
Z Order	0
Assigned Z Order	3
Alpha	255
Enable Logging	No
2 Task	
Task	
Animation	sqr:cXJlcwAAAAEAAACrpAAAAFAAAKdM
Duration	0:00:00.000
Playing mode	File
3 Alignment and Stretch	
Align and Stretch	to Rectangle
Horizontal	Center
Vertical	Center
Stretch	None
AutoSize	Yes

The design canvas on the right shows a vertical stack of elements. The 'Twitter' element is highlighted with a circle (1). Annotations 2 and 3 point to the 'Location' and 'Size' properties in the Properties table, respectively.



3. Select the Title title element (1). The Properties table has the Location (2), Size (3), Alignment and Stretch (4), Specific (5), and Text Formatting (6) parameter groups available for editing.

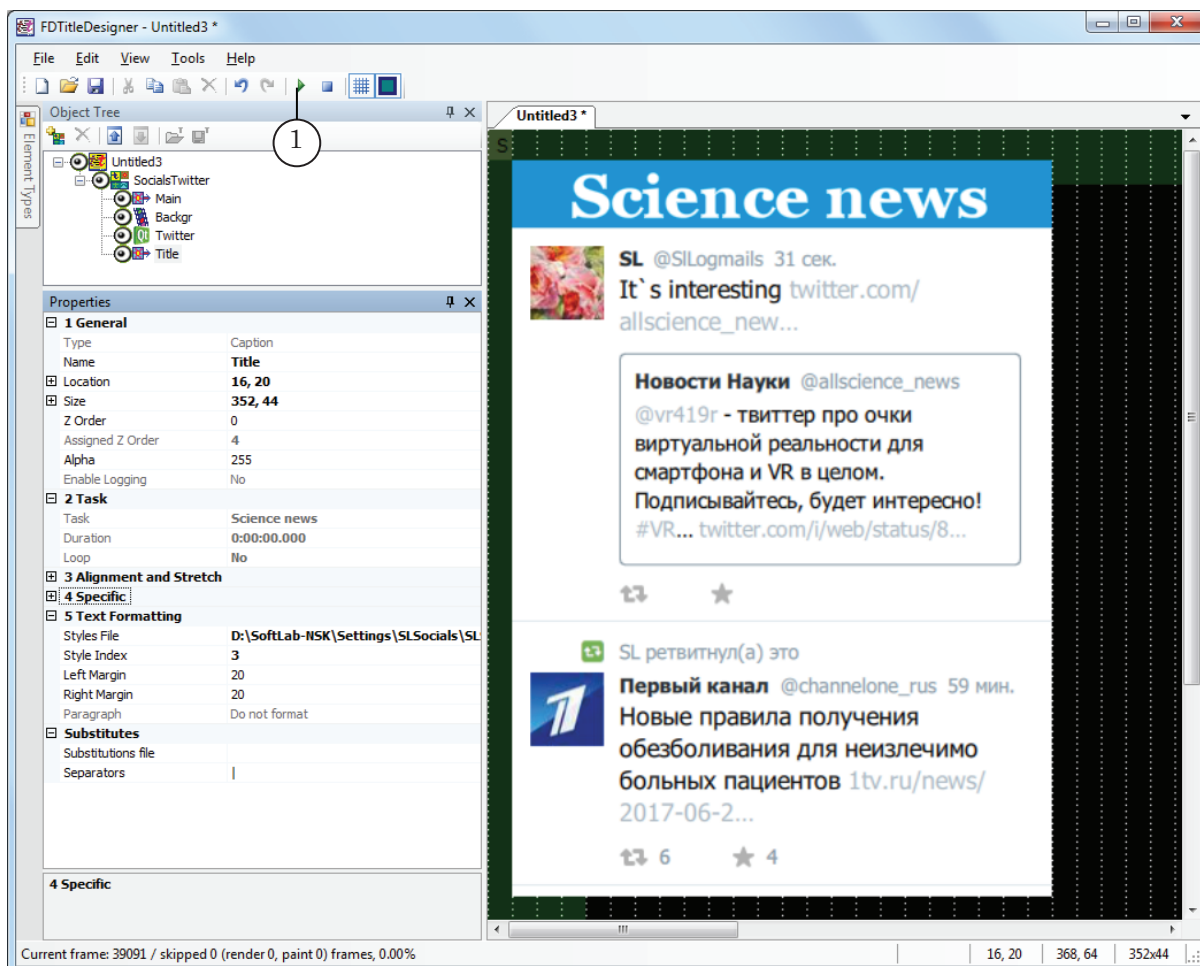


4. In the Text Formatting group, in the Styles file field (7) set the full path to the file containing the text styles (*.efc). Set the Style Index (8). (For more information on creating styles see «[Forward Titling. Graphical editor](#)» user's guide).



3.4. Preview

Start the preview by pressing Start preview (1) button on the toolbar. The working area will display the chosen blogs tweets and their comments from the Twitter blog in accordance to the set settings.





Useful links

Forward T Product Line: Description, Software Delivery, Documentation, Ready Solutions

<http://www.softlab.tv/forward/index.html>

<http://www.softlab.tv/forward/plugins.html>

Technical Support

e-mail: forward@sl.iae.nsk.su

forward@softlab-nsk.com

forward@softlab.tv

Forums

<http://www.softlab-nsk.com/forum> (currently available in Russian only)

Recommended documents:

[Forward Titling. Graphical editor](#)

[FDTitle Designer. Title project editor](#)