Xphase 相宇

Xphase Roaming Authoring Tool

User manual
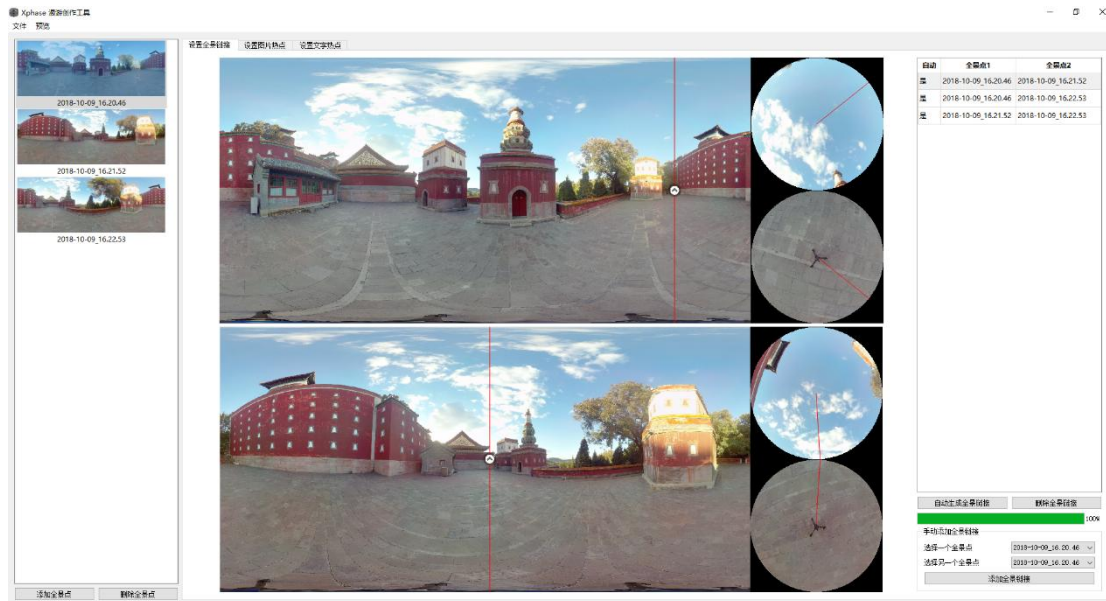
Software Description

The Xphase Roaming Authoring Tool was developed by Beijing Xiangfeng Tomorrow Technology Co., Ltd. to create multiple panoramic photo files (".pno" files) into panoramic roaming files (".roa" files). The software has the following features:

- Support for automatic generation of panoramic links. Algorithms automatically identify and correlate adjacent scenes to reduce manual configuration effort

- For automatically generated panoramic links, the algorithm can generate smooth and natural scene transition effects through fully automatic 3D modeling.

- Support to manually add or delete panorama links

- Support for adding image hotspots on panoramas (ie adding image links at a certain point in the panorama)

- Support for adding text hotspots on panoramas (ie adding text description links at some point in the panorama)

Software Installation

1 Equipment requirements

1.1 The computer's memory is not less than 4GB, 64-bit operating system, the operating system version is not lower than Windows7

2 Software acquisition and installation

2.1 This program will be installed when installing "Xphase Panorama Manager".

Please refer to "Xphase Panorama Manager User Manual".

Instructions for use

1 Create or open a roaming file

1.1 You can create a new panorama roaming by selecting New in the File menu in the upper left corner of the interface.

1.2 Select "Open" in the "File" menu in the upper left corner of the interface to open the previously saved panoramic roaming file ("roa" file) and edit it.

2 Manage panorama point list

2.1 Each panorama point corresponds to a panorama photo file (".pno" file)

2.2 The list of panorama points is displayed on the left side of the interface. Click the "Add Panorama Point" button at the bottom left to select multiple panorama photo files (".pno" files) and add them to the current roaming

2.3 Click the "Delete Panorama Point" button at the bottom left to remove the selected panorama point from the current roaming

3 Set up a panoramic link

3.1 Each panoramic link consists of a pair of panoramic points A and B, and contains their mutual positional relationship: which direction of the point B is taken on the panoramic view of point A and the shooting point of point A is on the panoramic view of point B. Which direction. Select the Set Panorama Link tab and set the interface for the Panorama Link as shown below.
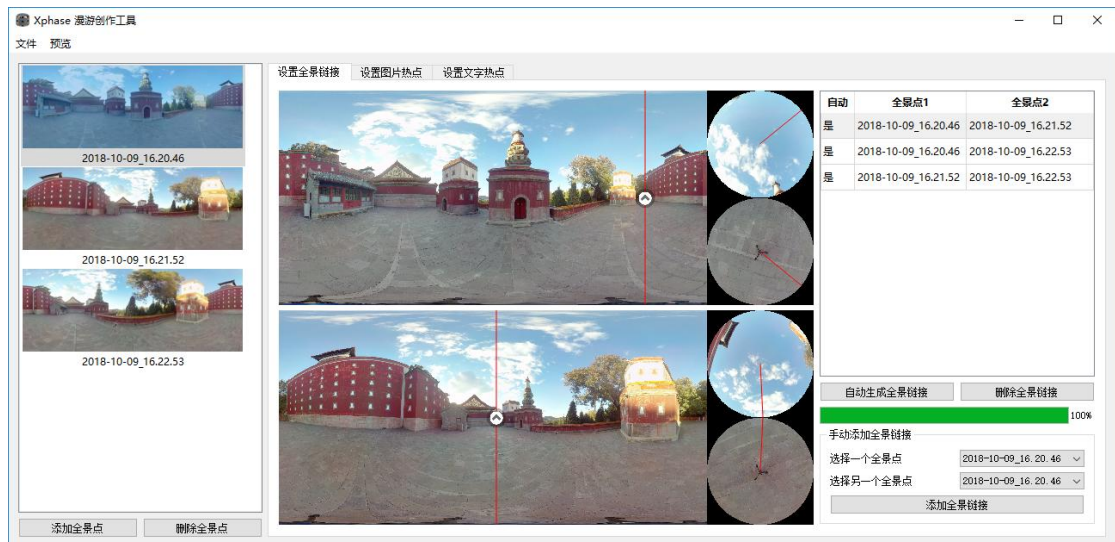
3.2 Click the "Automatically generate panoramic link" button on the right side, the software will automatically analyze the image content of all the panoramic photos in the panoramic point list, find the panoramic point pairs adjacent to the location, determine their mutual position relationship and generate a panoramic link; For automatically generated panoramic links, the algorithm can perform fully automated 3D modeling based on image analysis to generate smooth and natural scene transition effects.

Automatically generating a panoramic link replaces the existing link with the same name in the panoramic link list

Automatically generated panorama links whose positional relationship cannot be edited

Auto-generated panorama links may have errors or omissions, require manual review and delete panorama links as needed or manually add panorama links

3.3 To delete the panorama connection, select the panorama link to be deleted in the right panorama link list, click the "Delete Panorama Link" button, and

the selected panorama link will be deleted.

3.4 Need to manually add a panoramic link

3.4.1 In the "Manually add panorama link" setting area, set the name of the two panorama points contained in the panorama link, and then click the "Add Panorama Link" button, a new panorama link will be added to the panorama link list.

3.4.2 Make sure that the new panorama link in the panorama link list is selected, and set the mutual positional relationship of the panorama link in the two panoramas displayed in the middle of the interface: the icon in the panorama and the green line indicate another panorama point. In which direction of the panorama, the direction can be set by dragging the icon with the mouse.

 For easy viewing of the top and bottom areas of the panorama, the top and bottom are projected into two circular images that appear on the right side of the panorama.

3.5 To edit the manually added panorama link, select the link in the panorama link list and edit the mutual positional relationship of the panorama link in the two panoramas displayed in the middle of the interface.

4 Set image hotspot

4.1 Select the Set Picture Hotspot tab and set the picture hotspot interface as shown below.
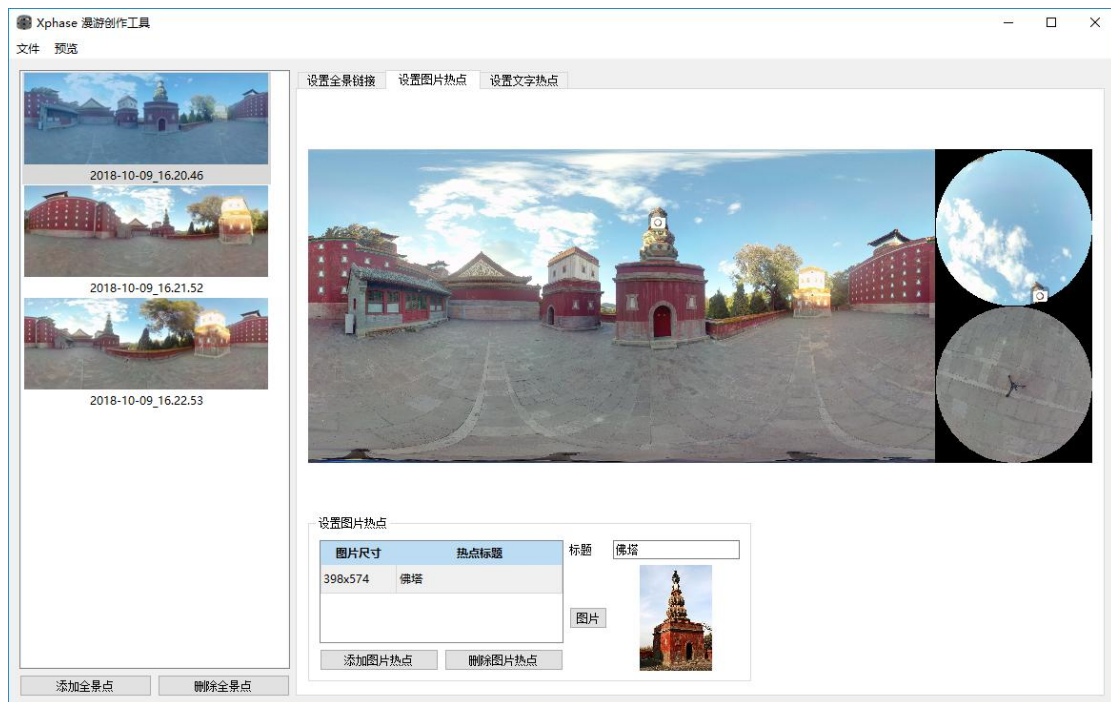
4.2 On the left side of the interface, select the panorama point to which you want to add a hot spot. On the right side, the panorama and picture hotspot list corresponding to the panorama point will be displayed.

4.3 To add a picture hotspot

4.3.1 Click the "Add Picture Hotspot" button, and a picture hotspot will be added to the picture hotspot list.

4.3.2 Make sure that the new image hotspot in the picture hotspot list is selected, set the title of the picture hotspot in the "Title" input box, and then click the "Picture" button to select the appropriate picture for the picture hotspot.

4.3.3 Drag the icon in the upper panorama (without the two circular areas on the right) to set the position of the image hotspot

4.4 To delete a picture hotspot, select the picture hotspot to be deleted in the picture hotspot list, click the "Delete picture hotspot" button, the selected

picture hotspot will be deleted.

4.5 To edit a photo hotspot, select the photo hotspot to be edited in the photo hotspot list, edit the title, reselect the image, and edit the location of the photo hotspot in the panorama above.

5 Set text hotspots

5.1 Select the Set Text Hotspot tab and set the text hotspot interface as shown below.
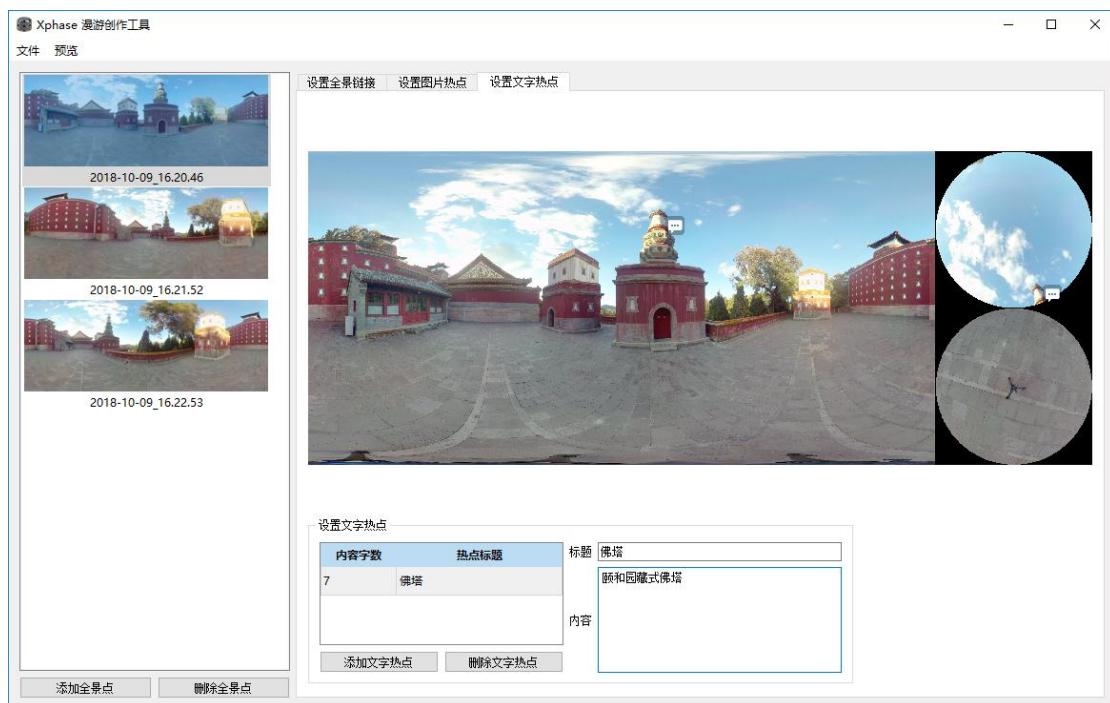
5.2 Select the panorama point to add hotspot on the left side of the interface, and display the panorama and text hotspot list corresponding to the panorama point on the right side.

5.3 To add a text hotspot

5.3.1 Click the "Add Text Hotspot" button to add a text hotspot to the text hotspot list.

5.3.2 Make sure that the new text hotspot in the text hotspot list is selected, set the title of the text hotspot in the "Title" input box, and set the content of the text hotspot in the "Content" input box.

5.3.3 Drag the icon in the upper panorama (without the two circular areas on the right) to set the position of the text hotspot

5.4 To delete the text hotspot, select the text hotspot to be deleted in the text hotspot list, click the "Delete text hotspot" button, the selected text hotspot will be deleted.

5.5 To edit a text hotspot, select the text hotspot to be edited in the text hotspot list, edit the title, edit the content, and edit the location of the text hotspot in the panorama above.

6 Preview panoramic roaming

6.1 Select "Preview" in the "Preview" menu in the upper left corner of the interface. The software will launch the Xphase Panorama Browser (PanoViewer.exe) to preview the currently edited panoramic roaming. For instructions on using the Xphase Panorama Browser, please refer to the Xphase Panorama Browser User Manual.

7 Save panoramic roaming

7.1 Select "Save" in the "File" menu in the upper left corner of the interface, and the software will save the currently edited panorama roam as a ".roa" file. If the file path has not been set, the software will first remind the setting file path.

7.2 Select "Save As" in the "File" menu in the upper left corner of the interface and set a new file path. The software will save the currently edited panoramic roaming according to the new path.

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