

CLAIMS

1. A method for previewing a dynamic image, wherein the dynamic image comprises several frames of static image data, the method comprising:

determining whether an issued frame number of the dynamic image can be obtained from the Internet based on a preset address;

in response to determining that the issued frame number of the dynamic image can be obtained, using the obtained issued frame number as a designated frame number;

in response to determining that the issued frame number of the dynamic image cannot be obtained, determining whether a locally stored built-in frame number of the dynamic image can be found;

in response to determining that the locally stored built-in frame number of the dynamic image can be found, using the locally stored built-in frame number of the dynamic image as the designated frame number;

in response to determining that the locally stored built-in frame number of the dynamic image cannot be found, using a default frame number as the designated frame number of the dynamic image;

extracting at least one frame of static image data having a designated frame number from the dynamic image (110); and

displaying the extracted static image data (120).

2. The method of claim 1, wherein in the designated frame number, 0 or -1 represents the last frame of static image data of the dynamic image; N in the designated frame number represents the Nth frame of static image data of the dynamic image if N is not greater than the maximum frame number of the dynamic image, and represents the last frame of static image data

of the dynamic image if N is greater than the maximum frame number of the dynamic image; and N is a natural number.

3. The method of claim 1, wherein the method further comprises: generating a preview image according to the extracted static image data, and caching the generated preview image; and the method further comprises: when previewing the dynamic image, displaying the cached preview image if the preview image of the dynamic image is found in the cache.

4. The method of claim 3 wherein when the preview image of the dynamic image is not found in the cache, the method further comprises: requesting an issued frame number of the dynamic image from a network address in an expression package (304); in response to receiving the issued frame number within a predetermined time (305), and in response to determining that the issued frame number is greater than a maximum frame number of the dynamic image, using the issued frame number as a designated frame number (306); in response to receiving the issued frame number outside of a predetermined time (305), using a default frame number as a designated frame number (307); extracting static image data having a frame number of (308); and one or more of generating a preview file of the dynamic image using the extracted static image data and storing the preview file in the cache region (310), or displaying the extracted static image data (309).

5. The method of claim 1, wherein the dynamic image comprises a dynamic expression in an expression package; and an installation file of the expression package comprises a built-in frame number that is corresponding to the dynamic expression and used as the designated frame number.

6. A method for displaying an expression package, wherein the expression package has at least one dynamic expression comprising several frames of static image data, the method comprising:

determining whether an issued frame number of the dynamic expression can be obtained from the Internet based on a preset address;

in response to determining that the issued frame number of the dynamic expression can be obtained, using the obtained issued frame number as a designated frame number;

in response to determining that the issued frame number of the dynamic expression cannot be obtained, determining whether a locally stored built-in frame number of the dynamic expression can be found;

in response to determining that the locally stored built-in frame number of the dynamic expression can be found, using the locally stored built-in frame number of the dynamic expression as the designated frame number;

in response to determining that the locally stored built-in frame number of the dynamic expression cannot be found, using a default frame number as the designated frame number of the dynamic expression;

extracting at least one frame of static image data having a designated frame number from a to-be-displayed dynamic expression (210); and

displaying the dynamic expression by using the extracted static image data (220).

7. The method of claim 6, wherein the method further comprises: generating a preview expression corresponding to the dynamic expression according to the extracted static image data, and caching the generated preview expression; and

the method further comprises: if a preview expression corresponding to the to-be-displayed dynamic expression is found in the cache, displaying the dynamic expression by using the preview expression.

8. The method of claim 7, wherein when the preview expression of the dynamic expression is not found in the cache, the method further comprises:

requesting an issued frame number of the dynamic expression from a network address in an expression package (304);

in response to receiving the issued frame number within a predetermined time (305), and in response to determining that the issued frame number is greater than a maximum frame number of the dynamic expression, using the issued frame number as a designated frame number (306);

in response to receiving the issued frame number outside of a predetermined time (305), using a default frame number as a designated frame number (307);

extracting static image data having a frame number of (308); and one or more of generating a preview file of the dynamic expression using the extracted static image data and storing the preview file in the cache region (310), or displaying the extracted static image data (309).

9. A device for previewing a dynamic image, wherein the dynamic image comprises several frames of static image data, the device comprising multiple units configured to perform the method of any one of claims 1 to 5.

10. A device for displaying an expression package, wherein the expression package has at least one dynamic expression comprising several frames of static image data, the device comprising multiple units configured to perform the method of any one of claims 6 to 8.