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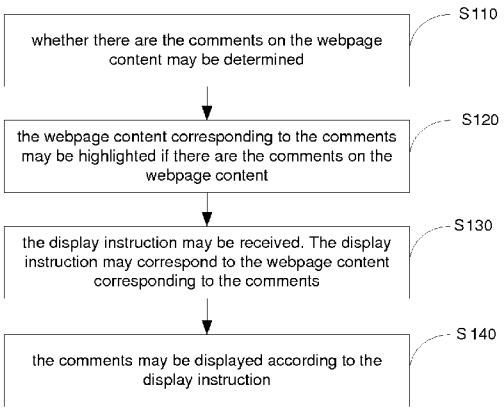


Fig. 1A

(57) Abstract: According to an example, methods and devices for displaying and adding the comment on the webpage content may be provided. Webpage content corresponding to comment may be highlighted. A display instruction may be received. The display instruction may correspond to the webpage content corresponding to the comment. The comment may be displayed according to the display instruction.

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METHOD AND DEVICE FOR DISPLAYING AND ADDING COMMENTS ON WEBPAGE CONTENTS

This application claims the benefit of priority from Chinese Patent Application, No. 201210508844.8, entitled "Methods and Devices for Displaying and Adding Comment on Webpage Contents" and filed on December 03, 2012, the entire content of which is hereby incorporated by reference.

FIELD OF THE INVENTION

【0001】 The present disclosure relates to an Internet filed, and more particularly, to a method and device for displaying and adding comments on webpage content.

BACKGROUND

【0002】 At present, along with continuous development of network communication technologies, users may conveniently surf the Internet and may comment or view relevant comments on webpage content (such as, News, Blogs, News and Information and other content information).

SUMMARY

【0003】 According to examples, a method and device for displaying webpage content may be provided to enhance processing speed and efficiency of the comments.

【0004】 A method for displaying a comment on webpage content includes:

highlighting webpage content corresponding to a comment;

receiving a display instruction; wherein the display instruction corresponds to the webpage content corresponding to the comment;

displaying the comment according to the display instruction.

【0005】 A method for adding a comment on webpage content includes:

receiving a first selection instruction;

obtaining webpage content corresponding to the first selection instruction;

prompting a user to add a comment on the webpage content corresponding to the first selection instruction;

receiving the comment made by the user on the webpage content corresponding to the first selection instruction; and

adding the comment to the webpage content corresponding to the first selection instruction.

【0006】 A device for displaying a comment on webpage content includes:

a first webpage content highlighting module, to highlight webpage content corresponding to a comment;

a first display instruction receiving module, receiving a display instruction; wherein the display instruction corresponds to the webpage content corresponding to the comment; and

a first comments displaying module, to display the comment according to the display instruction.

【0007】 A device for adding a comment on webpage content includes:

a second selection instruction receiving module, to receiving a first selection instruction and obtain webpage content corresponding to the first selection instruction;

a second comments receiving module, to prompt a user to add a comment

on the webpage content corresponding to the first selection instruction and receive the comment made by the user on the webpage content corresponding to the first selection instruction.

【0008】 Partial of the webpage content may be selected by the client terminal device and comment may be made on the partial of the webpage content in time, instead of behind the webpage content. When the commented webpage content are viewed, the relevant comment may be automatically unfolded. Therefore, a sentence or a view of point may be intuitively viewed, so that comment may be more visible and the user may quickly find the comment. In addition, it may be easier to manage the comment, by which the speed for viewing the webpage content may be not affected and the processing speed of the comment may be enhanced. The comment may include the picture comment or video comment in addition to the text comment, which may enlarge the application scope of the comment.

BRIEF DESCRIPTION OF THE DRAWINGS

【0009】 Figure 1A is a flowchart illustrating a method for displaying comments on webpage content in accordance with an example of the present disclosure;

【0010】 Figure 1B is a flowchart illustrating another method for displaying comments on webpage content in accordance with an example of the present disclosure;

【0011】 Figure 2 is a schematic diagram illustrating a device for displaying comments on webpage content in accordance with an example of the present disclosure;

【0012】 Figure 3A is a flowchart illustrating another method for displaying comments on webpage content in accordance with an example of the present disclosure;

【0013】 Figures 3B to 3E are pictures generated in the method for displaying comments on webpage content shown in figure 3A;

【0014】 Figure 4 is a flowchart illustrating another method for displaying comments on webpage content in accordance with an example of the present

disclosure;

【0015】 Figure 5 is a flowchart illustrating a method for adding comments to webpage content in accordance with an example of the present disclosure;

【0016】 Figure 6 is a schematic diagram illustrating a device for adding comments to webpage content in accordance with an example of the present disclosure;

【0017】 Figure 7 is a schematic diagram illustrating another device for displaying comments on webpage content in accordance with an example of the present disclosure; and

【0018】 Figure 8 is a schematic diagram illustrating another device for adding comments to webpage content in accordance with an example of the present disclosure.

DETAILED DESCRIPTION

【0019】 For simplicity and illustrative purposes, the present disclosure is described by referring to examples. In the following description, numerous specific details are set forth in order to provide a thorough understanding of the present disclosure. It will be readily apparent however, that the present disclosure may be practiced without limitation to these specific details. In other instances, some methods and structures have not been described in detail so as not to unnecessarily obscure the present disclosure. As used throughout the present disclosure, the term “includes” means includes but not limited to, the term “including” means including but not limited to. The term “based on” means based at least in part on. In addition, the terms “a” and “an” are intended to denote at least one of a particular element.

【0020】 According to an example, the method for commenting on the webpage content may include: opening a webpage, viewing information on the webpage, inputting comments on the webpage content into an input box if a user wishes to comment on the webpage content and clicking on “submit comments”. Relevant comments may be displayed behind the webpage content.

【0021】 Since the comments may be added behind the webpage content, the processing speed of the comments may be reduced and the viewing speed of the webpage content may also be affected. In addition, the comments may be not visible and may be inconvenient for management.

【0022】 An example of the present disclosure may provide a method and device for displaying comments on the webpage content to make comments on the webpage content in time and intuitively display relevant comments, by which the processing speed and management efficiency of the comments may be enhanced.

【0023】 Figure 1A is a flowchart illustrating a method for displaying comments on webpage content in accordance with an example of the present disclosure. The method may be implemented via a displaying terminal device. The method may include the following blocks.

【0024】 In block S110, whether there are comments on webpage content may be determined.

【0025】 In block S120, webpage content corresponding to the comments may be highlighted if there are the comments on the webpage content.

【0026】 In the above blocks S110 and S120, the block S110 may be optional.

【0027】 In block S130, a display instruction may be received. The display instruction may correspond to the webpage content corresponding to the comments.

【0028】 In block S140, the comments may be displayed according to the display instruction.

【0029】 In the above block S110, whether there are the comments on the webpage content may be determined. That is, a display terminal device may determine whether there are the comments on the currently-displayed webpage content.

【0030】 The webpage content mentioned in the above block S110 may be whole content of a piece of News, a blog or a log.

【0031】 In the above block S120, the webpage content corresponding to the comments may be highlighted if there are the comments on the webpage content.

【0032】 According to an example, if there are the comments on the partial webpage content (i.e., selected webpage content. The selected webpage content may be the webpage content corresponding to the comments), the webpage content corresponding to the comments may be highlighted. The comments may be more visible, so that the user may quickly find the comments.

【0033】 If the selected webpage content is commented many times and the comments corresponding to the selected webpage content are folded, an icon including a number may be displayed on the upper right corner of the selected webpage content. The icon may be used for indicating how many times the selected webpage content is commented, with which the efficiency for managing the comments may be enhanced.

【0034】 In the above S130, the display instruction may be received. The

display instruction may correspond to the webpage content corresponding to the comments.

【0035】 For example, the highlighted webpage content may be selected on the display terminal device.

【0036】 In the above block S140, the comments may be displayed according to the display instruction.

【0037】 According to an example, after the display terminal device receives the display instruction, the comments may be unfolded and displayed on the display terminal device, so that the user and other readers may view the comments. Therefore, with the technical scheme in the above example, the comments and references may be more visible, so that the user may quickly view the comments, which may enhance the management efficiency of the comments.

【0038】 Referring to figure 1B, figure 1B is a flowchart illustrating another method for displaying comments on webpage content in accordance with an example of the present disclosure. In other examples of the present disclosure, before the above block S110, the method for displaying the webpage content may further include the following blocks.

【0039】 In block S101, the webpage content may be displayed.

【0040】 In block S102, a first selection instruction may be received and webpage content corresponding to the first selection instruction may be obtained.

【0041】 In block S103, an operation option interface may be displayed. The operation option interface may include a comment operation.

【0042】 In block S104, a second selection instruction may be received and whether the received second selection instruction corresponds to the comment operation may be determined. A comment window may be further displayed if the second selection instruction corresponds to the comment operation. The comment window may be used for receiving the comments.

【0043】 In block S105, the comments on the webpage content corresponding to the first selection instruction may be received.

【0044】 In block S106, the comments may be added to the webpage content

corresponding to the first selection instruction.

【0045】 In the above block S101, the webpage content may be displayed.

【0046】 The webpage content (such as a piece of News, a blog, or other content information) may be displayed on the display terminal device.

【0047】 In the above block S102, the first selection instruction may be received and the webpage content corresponding to the first selection instruction may be obtained.

【0048】 If a user wishes to make comments on a sentence or a view of point in the above webpage content, the user may need to select partial of the webpage content corresponding to the sentence or the view of point. The display terminal device may obtain the webpage content corresponding to the first selection instruction (i.e., the selected webpage content).

【0049】 In the above block S103, the operation option interface may be displayed. The operation option interface may include the comment operation.

【0050】 The display terminal device may send the operation option interface to the scope of the selected webpage content. The display terminal device may be a PC, an intelligent phone, a mobile terminal device or a tablet PC. The operation option interface may be displayed on a display interface of the display terminal device in a form of an operation selection box. The operation option interface may include a copy operation, a search operation and a comment operation. With the copy operation, the selected webpage content may be copied. With the search operation, the selected webpage content may be searched. With the comment operation, the selected webpage content may be commented.

【0051】 In the above S104, a second selection instruction may be received. Whether the second selection instruction may correspond to the comment operation may be determined. If the second selection instruction corresponds to the comment operation, a comment window may be further displayed. The comment window may be used for receiving the comments

【0052】 After the display terminal device receives the second selection instruction, the display terminal device may determine whether the second

selection instruction is the comment operation and send a comment request if the second selection instruction is the comment operation. If the second selection operation is the copy operation or the search operation, the display terminal device may do other processing.

【0053】 If the second selection instruction is the comment operation, the display window may be displayed on the display terminal device, so that the user may comment on the selected webpage content.

【0054】 In the above block S105, the comments corresponding to the selected webpage content (i.e., the webpage content corresponding to the first selection instruction) may be received.

【0055】 Relevant comments on the selected webpage content may be received. The comments may include at least one of text comments, picture comments and video comments. The picture comments may be Emoticons or appreciated gestures, etc. The video comments may be a video lasting about several minutes. The comments may also be the combination of the text comments, the picture comments and the video comments rendering the comments more illustrated.

【0056】 In the above block S106, the comments may be added to the selected webpage content.

【0057】 After the display terminal device receives the comments, the comments may be saved in a database, so that the comments may be viewed on the display terminal device when the webpage content is viewed. The comments may be displayed in a sidebar (such as comments) on a display interface of the display terminal device. The comments may be displayed on the right of the selected webpage content, which does not affect the speed for viewing the webpage content. The comments may be relevantly visible and it may be easier to manage the comments.

【0058】 When the user clicks the selected webpage content via the display terminal device, the comments corresponding to the selected webpage content may be folded up and the selected webpage content may be highlighted.

【0059】 An example of a device for displaying comments on webpage content

may be described hereinafter accompanying with figure 2. The device may be set in a display terminal device. The device may include: a first webpage content highlighting module M221, a first display instruction receiving module M222 and a first comments displaying module M223. In an example of the present disclosure, the device may further include a first comments determination module M220. The first comments determination module M220 may be to determine whether there are comments on webpage content. The first webpage content highlighting module M221 may be to highlight webpage content corresponding to the comments if there are the comments on the webpage content. The first display instruction receiving module M222 may be to receive a display instruction. The display instruction may correspond to the webpage content corresponding to the comments. The first comments display module M223 may be to display the comments according to the display instruction.

【0060】 The first comments determination module 220 may be set in the display terminal device and may be to determine whether there are comments in the currently-displayed webpage content.

【0061】 The first webpage content highlighting module M221 may be set in the display terminal device and may connect with the first comments determination module M22. If there may be comments on selected webpage content in the currently-displayed webpage content, the webpage content corresponding to the comments may be highlighted, so that the comments may be displayed in time and may be more visible. If the selected webpage content (i.e. the webpage contents corresponding to the comments) is commented many times, when the comments corresponding to the selected webpage content are folded, an icon including a number may be displayed on the upper right corner of the selected webpage content, and the icon may be used for indicating how many times the selected webpage content are commented, with which the efficiency for managing the comments may be enhanced.

【0062】 The first display instruction receiving module M222 may be set in the display terminal device and may connect with the first webpage content highlighting module M221.

【0063】 The first comments display module M223 may be set in the display

terminal device and may connect with the first display instruction receiving module M222. After the display instruction may be received by the display terminal device, the first comments display module M223 may unfold the comments and display the comments on the display terminal device, so that the user and other readers may view the comments. Therefore, this device may not make the comments and reference contents more visible and true, but also enhance the efficiency for managing the comments.

【0064】 In other examples of the present disclosure, the device may further include a first webpage content displaying module M211, a first selection instruction receiving module M212, a first operation option displaying module M213, a first operation instruction determination module M214, a first comments receiving module M215 and a first comments adding module M216. The first webpage content displaying module M211 may be to display the webpage content. The first selection instruction receiving module M212 may be to receive a first selection instruction and obtain webpage content corresponding to the first selection instruction. The first operation option displaying module M213 may be to display an operation option interface. The first operation instruction determination module M214 may be to receive a second selection instruction, determine whether the second selection instruction corresponds to a comment operation and display a comment window if the second selection instruction corresponds to the comment operation. The comment window may be used for receiving the comments. The first comments receiving module M215 may be to receive the comments corresponding to the webpage content. The first comments adding module M216 may be to add the comments to the webpage content corresponding to the comments.

【0065】 The first webpage content displaying module M211 may be set on the display terminal device. The webpage content (such as, News, a blog, information and other content information) may be viewed via the display terminal device.

【0066】 The first selection instruction receiving module M212 may be set on the display terminal device and may connect with the first webpage content displaying module M211. If a user wishes to make comments on a sentence or a

point of view on the webpage content, partial of the webpage content may be selected. The display terminal device may obtain the webpage content corresponding to the first selection instruction (i.e., the selected webpage content). The obtaining operation may be implemented via the first selection instruction receiving module M212.

【0067】 The first operation option displaying module M213 may be set on the display terminal device and connect with the first selection instruction receiving module M212. The first operation option displaying module 213 may be to display the operation option interface. The display terminal device may send the operation option interface to the selected webpage content. The display terminal device may be any of a PC, an intelligent mobile phone, a mobile terminal device and a tablet PC. The operation option interface may be displayed on a display interface of the display terminal in the form of an operation selection box. The operation options may include a copy operation, a search operation and a comment operation. With the copy operation, the selected webpage content may be copied. With the search operation, the selected webpage content may be searched. With the comment operation, the selected webpage content may be commented. The above operations may be implemented with the above first operation option displaying module M213.

【0068】 The first operation instruction determination module M214 may be set in the display terminal device and may connect with the operation option displaying module M213. The first operation instruction determination module M214 may be to receive a second selection instruction, determine whether the second selection instruction corresponds to the comment operation and display the comment window if the second selection instruction corresponds to the comment operation. After the display terminal device receives the second selection instruction, the display terminal device may determine whether the second selection instruction is the comment operation. The display terminal device may send a comment request if the second selection instruction is the comment operation. If the second selection instruction is the copy operation or the search operation, the display terminal device may do other corresponding operations. After the first operation instruction determination module M214

determines that the second selection instruction is the comment operation, the comment window may be displayed on the display terminal device, so that the user may comment on the selected webpage content.

【0069】 The first comments receiving module M215 may be set in the display terminal device and connect with the first operation instruction determination module M214. The first comments receiving module M215 may be to receive the relevant comments on the selected webpage content. The comments may include any of the text comments, picture comments and video comments. The picture comments may be Emoticons or appreciated gestures, etc. The video comments may be a video lasting about several minutes. The comments may also be the combination of the text comments, the picture comments and the video comments rendering the comments more illustrated.

【0070】 The first comments adding module M216 may be set in the display terminal device and may connect with the first comments receiving module M215. The first comments adding module M216 may be to add the comments to the selected webpage content and display the comments in a sidebar (such as comments). After the display terminal device receives the comments, the comments may be saved in the database, so that the comments may be viewed on the display terminal device. On the display interface of the display terminal device, the comments may be displayed in the sidebar (such as the comments). The comments may be displayed on the right of the selected webpage content, which does not affect the speed for viewing the webpage content. The comments may be relevantly visible and it may be easier to manage the comments.

【0071】 Embodiment one: Figure 3A is a flowchart illustrating another method for displaying comments on webpage content in accordance with an example of the present disclosure.

【0072】 This example may be described hereinafter taking viewing a piece of News on the display terminal device of a PC for example. Content of this piece of News may be “In a recently-published article of astrophysics bulletin….. in a complicated transition process from frozen organic matters to slime molds…..the process for transiting the frozen organic matters to 'pre-biotic' may be implemented”.

【0073】 In block S311, webpage content may be displayed.

【0074】 News may be displayed on the PC.

【0075】 In Block S312, a first selection instruction may be received and webpage content corresponding to the first selection instruction may be obtained.

【0076】 If comments are to be made on a sentence (such as, a sentence A, i.e. "from the frozen organic matters to the slime molds") in the News, the sentence A on the display terminal device may be selected on the PC. The PC may receive the selected sentence A.

【0077】 In block S313, an operation option interface may be displayed. The operation option interface may include a comment operation.

【0078】 The PC may send the operation option interface to the selected sentence A. The operation option interface may be displayed on the display interface of the display terminal device of the PC (as shown in figure 3B) in a form of an operation selection box. The operation options sent by the PC may include the copy operation, the search operation and the comment operation. With the comment operation, comments may be made on the selected sentence A.

【0079】 In block 314, a second selection instruction may be received and whether the second selection instruction is the comment operation may be determined. A comment window may be displayed if the second selection instruction is the comment operation and the comment window may be used for receiving the comments.

【0080】 After the PC receives the second selection instruction and determines that the second selection instruction is the comment operation, the PC sends a comment request. The comment window may be displayed on the display interface of the PC, so that the user may make comments on the sentence A (Referring to figure 3C, for example, the user may input the comments "What does this sentence mean?").

【0081】 In block S315, the comments corresponding to the selected the webpage content may be received.

【0082】 The relevant comments on the selected webpage content may be received. The comments are text comments made by the user on this sentence (i.e. sentence A) in this News.

【0083】 In block S316, on the display interface of the PC, the comments may be added to the webpage content.

【0084】 After receiving the comments, the PC may save the comments into the database, so that the user or other readers may directly view the comments on the display interface of the PC if the user and the other readers view this sentence (i.e. sentence A) in the News. On the display interface of the PC, the comments (referring to figure 3D) may be displayed in the sidebar (such as the comments). The comments may be displayed on the right of the sentence A, which does not affect the speed for viewing the webpage content. The comments may be relevantly visible and it may be easier to manage the comments.

【0085】 In block S320, whether there are comments on the webpage content may be determined.

【0086】 The display terminal device may detect and determine whether there are comments on the webpage content.

【0087】 In block S321, if there are comments on the webpage content, the webpage content corresponding to the comments may be highlighted.

【0088】 If the display terminal device may detect that there are comments on the webpage content, the webpage content corresponding to the comments may be highlighted. If the sentence A relating to the comments may be commented several times and all the comments corresponding to the sentence A may be folded, an icon including a number may be displayed on the upper right corner of the sentence A, and the icon may be used for indicating how many times the sentence A are commented (referring to figure 3E). For instance, the number is 3, which may indicate that the sentence A has been commented 3 times and may make the comments more visible and easy to be managed.

【0089】 In block S322, a display instruction may be received. The display instruction may correspond to the selected webpage content corresponding to the comments may be added.

【0090】 In block S323, the comments may be displayed according to the display instruction.

【0091】 After the display terminal device may receive the display instruction, the folded commented may be unfolded and displayed on the display terminal device, so that the user and other readers may view the comments. Therefore, this method may not only make the comments and reference contents more visible and true, but also enhance the efficiency for managing the comments.

【0092】 Embodiment two: Figure 4 is a flowchart illustrating another method for displaying comments on webpage content in accordance with an example of the present disclosure.

【0093】 This example is described hereinafter taking viewing blogs with the display terminal device on the intelligent phone for example.

【0094】 In block S411, webpage content may be displayed.

【0095】 Blogs may be displayed on the intelligent phone.

【0096】 In Block S412, a first selection instruction may be received and webpage content corresponding to the first selection instruction may be obtained.

【0097】 If comments are to be made on a point of view (such as, a sentence B) in a blog, the selected sentence B may be selected on the display interface of the intelligent phone. The intelligent phone may receive the selected sentence B.

【0098】 In block S413, an operation option interface may be displayed. The operation option interface may include a comment operation.

【0099】 The intelligent phone may send the operation option interface to the selected sentence A. The operation option interface may be displayed on the display interface of the intelligent phone in a form of an operation selection box. The operation options sent by the intelligent phone may include the copy operation, the search operation and the comment operation. With the comment operation, comments may be made on the selected sentence B.

【00100】 In block 414, a second selection instruction may be received and whether the second selection instruction is the comment operation may be determined. A comment window may be displayed if the second selection

instruction is the comment operation and the comment window may be used for receiving the comments.

【00101】 After the intelligent phone receives the second selection instruction and determines that the second selection instruction is the comment operation, the intelligent phone sends a comment request. The comment window may be displayed on the display interface of the intelligent phone, so that the user may make comments on the sentence B.

【00102】 In block S415, the comments on the webpage content corresponding to the first selection instruction may be received.

【00103】 The relevant comments on the selected webpage content may be received. The comments are the combination of the text comments and picture comments made by the user on this point of view (i.e. sentence B) in this blog.

【00104】 In block S416, on the display interface of the intelligent phone, the comments may be added to the webpage content corresponding to the first selection instruction.

【00105】 After receiving the comments, the intelligent phone may save the comments into the database, so that the user or other readers may directly view the comments on the display interface of the intelligent phone if the user and the other readers view this view point (i.e. sentence B) in the blog. On the display interface of the intelligent phone, the comments may be displayed in the sidebar (such as the comments). The comments may be displayed on the right of the sentence B, which does not affect the speed for viewing the webpage content. The comments may be relevantly visible and it may be easier to manage the comments.

【00106】 In block S420, whether there are comments on the webpage content may be determined.

【00107】 The display terminal device may detect and determine whether there are comments on the webpage content.

【00108】 In block S421, if there are comments on the webpage content, the webpage content corresponding to the comments may be highlighted.

【00109】 If the display terminal device may detect that there are comments on the webpage content, the webpage content corresponding to the comments may be highlighted. If the sentence B relating to the comments may be commented several times and all the comments corresponding to the sentence B may be folded up, an icon including a number may be displayed on the upper right corner of the sentence B, and the icon may be used for indicating how many times the sentence B (this point of view) are commented. For instance, the number is 1, which may indicate that the sentence B has been commented once.

【00110】 In block S422, a display instruction may be received. The display instruction may correspond to the webpage content corresponding to the comments.

【00111】 In block S423, the comments may be displayed according to the display instruction.

【00112】 After the display terminal device may receive the display instruction, the folded commented may be unfolded and displayed on the display terminal device, so that the user and other readers may view the comments. Therefore, this method may not only make the comments and reference content more visible and true, but also enhance the efficiency for managing the comments.

【00113】 Figure 5 is a flowchart illustrating a method for adding comments on webpage content in accordance with an example of the present disclosure. The method may be implemented via a display terminal device. The method may include the following blocks. In block S510, a first selection instruction may be received and webpage content selected by a user may be obtained via the first selection instruction. In block S520, whether an operation for obtaining the selected webpage content is completed may be determined. In block S530, if the operation for obtaining the selected webpage content is completed, the user may be prompted to add comments and the comments made by the user on the selected webpage content may be received. In block S540, the webpage content corresponding to the comments may be displayed.

【00114】 In the above S510, the first selection instruction may be received and the selected webpage content (i.e. the webpage content corresponding to the first

selection instruction) selected by the user may be obtained according to the first selection instruction.

【00115】 If the user makes the comments on a sentence or a point of view on the selected webpage content, the corresponding webpage content should be selected. The display terminal device may obtain the webpage content corresponding to the first selection instruction (i.e. the selected webpage content).

【00116】 In block S520, whether the operation for obtaining the selected webpage content is completed may be determined.

【00117】 If the user selects partial of the webpage content, the display terminal device may automatically detect whether the user has finished the operation for obtaining the selected webpage content. If the operation for obtaining the selected webpage content is not completed, the display terminal device may continue to receive the webpage content selected by the user. If the operation for obtaining the selected webpage content is completed, block S530 may be executed.

【00118】 According to an example, block S520 may be optional.

【00119】 In block S530, if the operation for obtaining the selected webpage content is completed, the user may be prompted to add the comments and the comments added by the user on the selected webpage content may be received.

【00120】 In block S530, an operation option interface may be displayed. The operation option interface may include a comment operation.

【00121】 The display terminal device may send the operation option interface to a scope of the selected webpage content. The display terminal device may be a PC, an intelligent phone, a mobile terminal device or a tablet PC. The operation option interface may be displayed on the display interface of the display terminal device in a form of an operation selection box. The operation options may include a copy operation, a search operation and a comment operation. With the copy operation, the selected webpage content may be copied. With the search operation, the selected webpage content may be searched. With the comment operation, the selected webpage content may be commented.

【00122】 A second selection instruction may be received and whether the second selection instruction corresponds to the comment operation may be determined. If the second selection instruction corresponds to the comment operation, a comment window may be further displayed. The comment window may be used for receiving the comments.

【00123】 The display terminal device may receive the second selection instruction and determine whether the received second selection instruction corresponds to the comment operation. If the second selection instruction corresponds to the comment operation, the display terminal may send a comment request. After the display terminal device determines that the second selection instruction is the comment operation, the comment window may be displayed on the display terminal device, so that the user may comment on the selected webpage content.

【00124】 The display terminal device may add the comments on the selected webpage content.

【00125】 The display terminal device may receive the comments added on the selected webpage content. The comments may include any of the text comments, picture comments and video comments. The picture comments may be Emoticons or appreciated gestures, etc. The video comments may be a video lasting about several minutes. The comments may also be the combination of the text comments, the picture comments and the video comments rendering the comments more illustrated.

【00126】 In block S540, the webpage content corresponding to the comments may be displayed.

【00127】 After the comments on the selected webpage content are received, on the display interface of the display terminal device, the comments may be displayed in the sidebar (such as the comments). The comments may be displayed on the right of the selected webpage content, which does not affect the speed for viewing the webpage content. The comments may be relevantly visible and it may be easier to manage the comments.

【00128】 When the selected webpage content on the display terminal device

are clicked again, the comments may be folded up and the selected webpage content may be highlighted.

【00129】 The device for adding the comments on the selected webpage content may be described hereinafter accompanying with figure 6. The device may be set in a display terminal device. The device may include a second selection instruction receiving module M61 and a second comments receiving module M63. According to an example, the device may further include a second selected content detection module M62 and a second comments displaying module M64.

【00130】 The second selection instruction receiving module M61 may be set in the display terminal device and be to receive a first selection instruction and obtain webpage content selected by the user according to the first selection instruction. If a sentence or a point of view on the webpage content is commented, the webpage content corresponding to the sentence or the view of point need to be selected. The display terminal device may obtain the webpage content corresponding to the first selection instruction (i.e. the selected webpage content).

【00131】 The second selected content detection module M62 may be to detect whether an operation for obtaining the selected webpage content is completed. The second selected content detection module M62 may automatically detect whether the operation for obtaining the selected webpage content is completed according to a built-in program. If the operation for obtaining the selected webpage content is not completed, the display terminal device may continue to receive the webpage content selected by the user. If the operation for obtaining the selected webpage content is finished, the display terminal device may send an instruction to the second comments receiving module M63.

【00132】 The second comments receiving module M63 may further include a second operation option displaying module M631 and a second operation option receiving module M632.

【00133】 The second operation option displaying module M631 may be to display an operation option interface. The operation option interface may include

a comment operation. The second operation option displaying module M631 may be set in the display terminal device. The display terminal device may send the operation option interface to a scope of the selected webpage content. The operation option interface may be displayed on the display interface of the display terminal device in a form of an operation selection box. The operation options may include a copy operation, a search operation and a comment operation. With the copy operation, the selected webpage content may be copied. With the search operation, the selected webpage content may be searched. With the comment operation, the selected webpage content may be commented.

【00134】 The second operation option receiving module M632 may be set in the display terminal device and connect with the second operation option displaying module M631. The second operation option receiving module M632 may be to receive a second selection instruction and determine whether the received second selection instruction corresponds to the comment operation. If the second selection instruction corresponds to the comment operation, the comment window may be further displayed. The comment window may be used for receiving the comments. The display terminal device may receive the second selection instruction and determine whether the second selection instruction is the comment operation. If the second selection instruction is the comment operation, the display terminal device may send a comment request. If it may be determined that the second selection instruction returned via the operation option interface is the comment operation, a comment window may be displayed on the display terminal device, so that the user may comment on the selected webpage content.

【00135】 The second comments receiving module M63 may be set in the display terminal device and to prompt the user to add the comments if the operation for obtaining the selected webpage content is completed and receive the comments made by the user on the selected webpage content. The comments may include any of the text comments, picture comments and video comments. The picture comments may be Emoticons or appreciated gestures, etc. The video comments may be a video lasting about several minutes. The comments may also be the combination of the text comments, the picture

comments and the video comments rendering the comments more illustrated.

【00136】 The second comments displaying module M64 may be set in the display terminal device and connect with the second comments receiving module M63. The second comments displaying module M64 may be to display the webpage content corresponding to the comments. On the display interface of the display terminal device, the comments may be displayed in the sidebar (such as the comments). The comments may be displayed on the right of the selected webpage content, which does not affect the speed for viewing the webpage content. The comments may be relevantly visible and it may be easier to manage the comments.

【00137】 Referring to figure 7, figure 7 is a schematic diagram illustrating another device for displaying comments on webpage content in accordance with an example of the present disclosure. Figure 7 may include a memory 700 and a processor 701.

【00138】 The memory 700 may include a first webpage content highlighting instruction, a first display instruction receiving instruction and a first comments displaying instruction.

【00139】 The processor 701 may communicate with the memory 700 and execute the first webpage content highlighting instruction, the first display instruction receiving instruction and the first comments displaying instruction to respectively execute the operations of the first webpage content highlighting module M221, the first display instruction receiving module M222 and the first comments displaying module M223.

【00140】 The memory 700 may further include a first webpage content displaying instruction, a first selection instruction receiving instruction, a first operation option displaying instruction, a first operation instruction determination instruction, a first comments receiving instruction, a first comments adding instruction and a first comments determination instruction.

【00141】 The processor 701 may further execute the first webpage content displaying instruction, the first selection instruction receiving instruction, the first operation option displaying instruction, the first operation instruction

determination instruction, the first comments receiving instruction, the first comments adding instruction and the first comments determination instruction to respectively execute the operations of the first webpage content displaying module M211, the first selection instruction receiving module M212, the first operation option displaying module M213, the first operation instruction determination module M214, the first comments receiving module M215, the first comments adding module M216 and the first comments determination module M220 mentioned above.

【00142】 Referring to figure 8, figure 8 is a schematic diagram illustrating another device for adding comments to webpage content in accordance with an example of the present disclosure. The device may include a memory 800 and a processor 801.

【00143】 The memory 800 may include a second selection instruction receiving instruction and a second comments receiving instruction. The processor 801 may communicate with the memory 800 and execute the second selection instruction receiving instruction and the second comments receiving instruction to respectively the operations of the second selection instruction receiving module M61 and the second comments receiving module M63.

【00144】 According to an example, the memory 800 may further include a second selected content detection instruction, a second comments displaying instruction, a second operation option displaying instruction and a second operation option receiving instruction. The processor 801 may further execute the second selected content detection instruction, the second comments displaying instruction, the second operation option displaying instruction and the second operation option receiving instruction to respectively execute the operations of the second selected content detection module M62, the second comments displaying module M64, the second operation option displaying module M631 and the second operation option receiving module M632.

【00145】 In various embodiments, a hardware module may be implemented mechanically or electronically. For example, a hardware module may comprise dedicated circuitry or logic that is permanently configured (e.g., as a special-purpose processor, such as a field programmable gate array (FPGA) or

an application-specific integrated circuit (ASIC)) to perform certain operations. A hardware module may also comprise programmable logic or circuitry (e.g., as encompassed within a general-purpose processor or other programmable processor) that is temporarily configured by software to perform certain operations. It will be appreciated that the decision to implement a hardware module mechanically, in dedicated and permanently configured circuitry, or in temporarily configured circuitry (e.g., configured by software) may be driven by cost and time considerations.

【00146】 What has been described and illustrated herein are examples of the disclosure along with some variations. The terms, descriptions and figures used herein are set forth by way of illustration only and are not meant as limitations. Many variations are possible within the scope of the disclosure, which is intended to be defined by the following claims -- and their equivalents -- in which all terms are meant in their broadest reasonable sense unless otherwise indicated.

WHAT IS CLAIMED IS:

1. A method for displaying a comment on webpage content, comprising:

highlighting webpage content corresponding to a comment;

receiving a display instruction; wherein the display instruction corresponds to the webpage content corresponding to the comment;

displaying the comment according to the display instruction.

2. The method according to claim 1, further comprising:

determining whether there is the comment on the webpage content;

wherein highlighting the webpage content corresponding to the comment comprises: upon a determination that the comment is on the webpage content, highlighting the webpage content corresponding to the comment.

3. The method according to claim 2, wherein before determining whether there is the comment on the webpage content, the method further comprises:

displaying the webpage content;

receiving a first selection instruction;

obtaining webpage content corresponding to the first selection instruction;

receiving a comment on the webpage content corresponding to the first selection instruction; and

adding the comment on the webpage content corresponding to the first selection instruction to the webpage content corresponding to the first selection instruction.

4. The method according to claim 3, wherein after receiving the first selection instruction and obtaining the webpage content corresponding to the first selection instruction, the method further comprises:

displaying an operation option interface; wherein the operation option interface comprises a comment operation;

receiving a second selection instruction;

determining whether the second selection instruction corresponds to the

comment operation; and

if the second selection instruction corresponds to the comment operation, displaying a comment window; wherein the comment window is used for receiving the comment.

5. The method according to any of claims 1 to 4, wherein the comment comprises at least one of a text comment, a picture comment and a video comment.

6. The method according to claim 1, wherein highlighting the webpage content corresponding to the comment comprises: displaying an icon on a highlighted area, wherein the icon comprises a number of times that the webpage content corresponding to the comment is commented.

7. The method according to claim 3, wherein when the comment on the webpage content corresponding to the first selection instruction is added to the webpage content corresponding to the first selection instruction, the method further comprises: displaying the comment on the webpage content corresponding to the first selection instruction in a sidebar.

8. A method for adding a comment on webpage content, comprising:

receiving a first selection instruction;

obtaining webpage content corresponding to the first selection instruction;

prompting a user to add a comment on the webpage content corresponding to the first selection instruction;

receiving the comment made by the user on the webpage content corresponding to the first selection instruction; and

adding the comment to the webpage content corresponding to the first selection instruction.

9. The method according to claim 8, further comprising:

detecting whether an operation for obtaining the webpage content corresponding to the first selection instruction is completed;

wherein prompting the user to add the comment on the webpage content corresponding to the first selection instruction comprises: if the operation for obtaining the webpage content corresponding to the first selection instruction is completed, prompting the user to add the comment on the webpage content corresponding to the first selection instruction;

wherein the method further comprises:

displaying the comment on the webpage content corresponding to the first selection instruction; or

receiving a display instruction, displaying the comment on the webpage content corresponding to the first selection instruction according to the display instruction; wherein the display instruction corresponds to the webpage content corresponding to the comment.

10. The method according to claim 9, further comprising:

displaying an operation option interface; wherein the operation option interface comprises a comment operation;

receiving a second selection instruction;

determining whether the second selection instruction corresponds to the comment operation; and

if the second selection instruction corresponds to the comment operation, displaying a comment window; wherein the comment window is used for receiving the comment.

11. A device for displaying a comment on webpage content, comprising:

a first webpage content highlighting module, to highlight webpage content corresponding to a comment;

a first display instruction receiving module, receiving a display instruction; wherein the display instruction corresponds to the webpage content corresponding to the comment; and

a first comments displaying module, to display the comment according to the display instruction.

12. The device according to claim 11, further comprising:

a first comments determination module, to determine whether there is the comment on webpage content;

wherein the first webpage content highlighting module is further to if there is the comment on the webpage content, highlight the webpage content corresponding to the comment.

13. The device according to claim 12, further comprising:

a first webpage content displaying module, to display the webpage content;

a first selection instruction receiving module, to receive a first selection instruction and obtain webpage content corresponding to the first selection instruction;

a first comments receiving module, to receive a comment on the webpage content corresponding to the first selection instruction; and

a first comments adding module, to add the comment on the webpage content corresponding to the first selection instruction to the webpage content corresponding to the first selection instruction.

14. The device according to claim 13, further comprising:

a first operation option displaying module, to display an operation option interface, wherein the operation option interface comprises a comment operation; and

a first operation instruction determination module, to receive a second selection instruction, determine whether the second selection instruction corresponds to the comment operation and if the second selection instruction corresponds the comment operation, display a comment window; wherein the comment window receives the comment.

15. The device according to any of claims 11 to 14, wherein the comment comprises at least one of a text comment, a picture comment and a video comment.

16. The device according to claim 11, wherein the first webpage content highlighting module is further to display an icon on a highlighted area, wherein

the icon comprises a number of times that the webpage content corresponding to the comment is commented.

17. The device according to claim 13, wherein the first comments adding module is further to display the comment on the webpage content corresponding to the first selection instruction in a sidebar when the comment on the webpage content corresponding to the first selection instruction are added to the webpage content corresponding to the first selection instruction.

18. A device for adding a comment on webpage content, comprising:

a second selection instruction receiving module, to receive a first selection instruction and obtain webpage content corresponding to the first selection instruction;

a second comments receiving module, to prompt a user to add a comment on the webpage content corresponding to the first selection instruction and receive the comment made by the user on the webpage content corresponding to the first selection instruction.

19. The device according to claim 18, further comprising:

a second selected contents detection module, to detect whether an operation for obtaining the webpage content corresponding to the first selection instruction is completed; and

a second comments receiving module, if the operation for obtaining the webpage content corresponding to the first selection instruction is completed, to prompt the user to add the comment on the webpage content corresponding to the first selection instruction.

20. The device according to claim 19, further comprising:

a second comments displaying module, to

display the comment; or

receive a display instruction and display the comment according to the display instruction; wherein the display instruction corresponds to the webpage content corresponding to the comment.

21. The device according to claim 20, further comprising:

a second operation option displaying module, to display an operation option interface; wherein the operation option comprises: a comment operation;

a second operation instruction determination module, to receive a second selection instruction, determine whether the second selection instruction corresponds to the comment operation and if the second selection instruction corresponds to the comment operation display a comment window; wherein the comment window is used for receiving the comment.

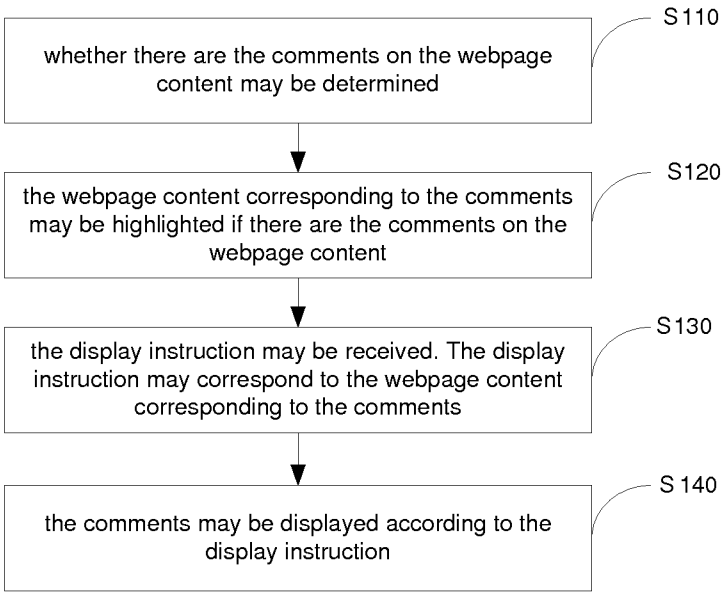

whether there are the comments on the webpage content may be determined
S110
the webpage content corresponding to the comments may be highlighted if there are the comments on the webpage content
S120
the display instruction may be received. The display instruction may correspond to the webpage content corresponding to the comments
S130
the comments may be displayed according to the display instruction
S 140

Fig. 1A

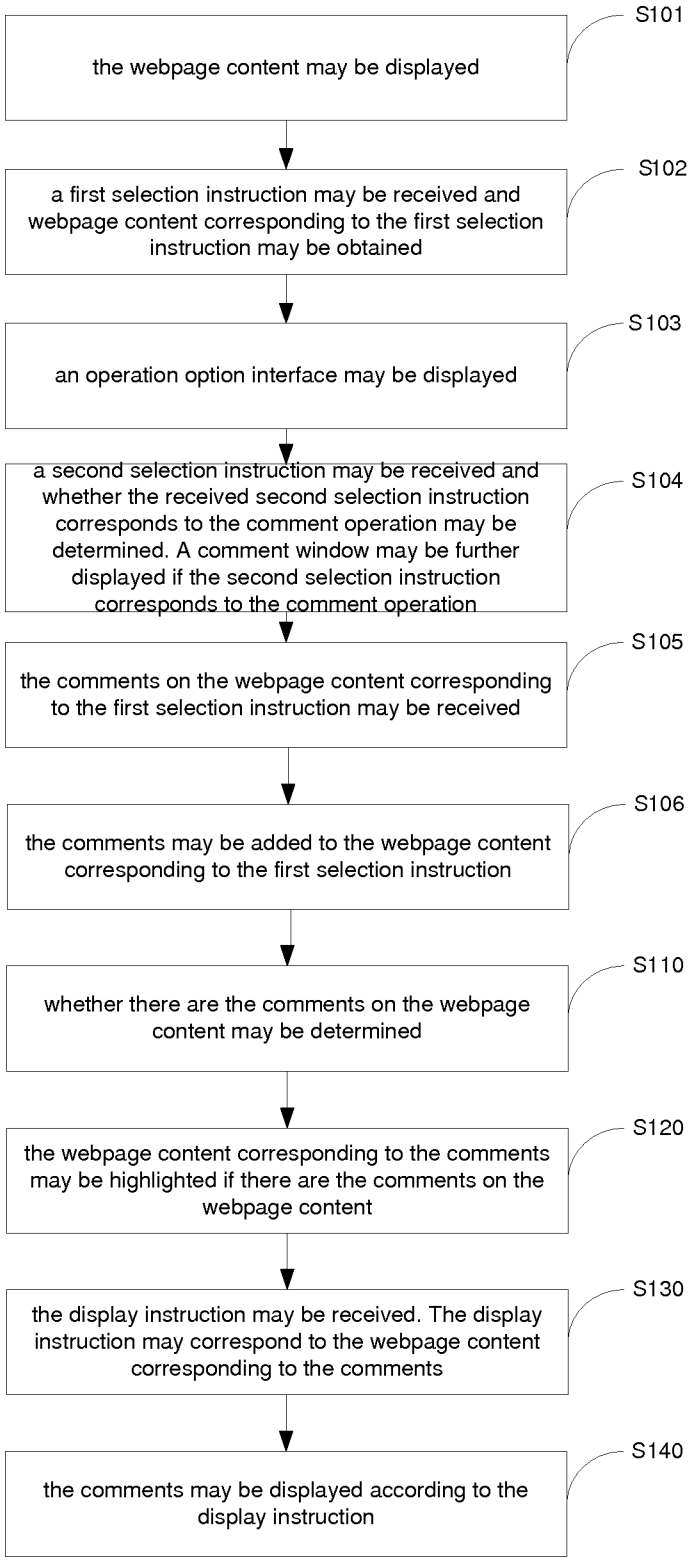

S101
the webpage content may be displayed
S102
a first selection instruction may be received and webpage content corresponding to the first selection instruction may be obtained
S103
an operation option interface may be displayed
S104
a second selection instruction may be received and whether the received second selection instruction corresponds to the comment operation may be determined. A comment window may be further displayed if the second selection instruction corresponds to the comment operation
S105
the comments on the webpage content corresponding to the first selection instruction may be received
S106
the comments may be added to the webpage content corresponding to the first selection instruction
S110
whether there are the comments on the webpage content may be determined
S120
the webpage content corresponding to the comments may be highlighted if there are the comments on the webpage content
S130
the display instruction may be received. The display instruction may correspond to the webpage content corresponding to the comments
S140
the comments may be displayed according to the display instruction

Fig. 1B

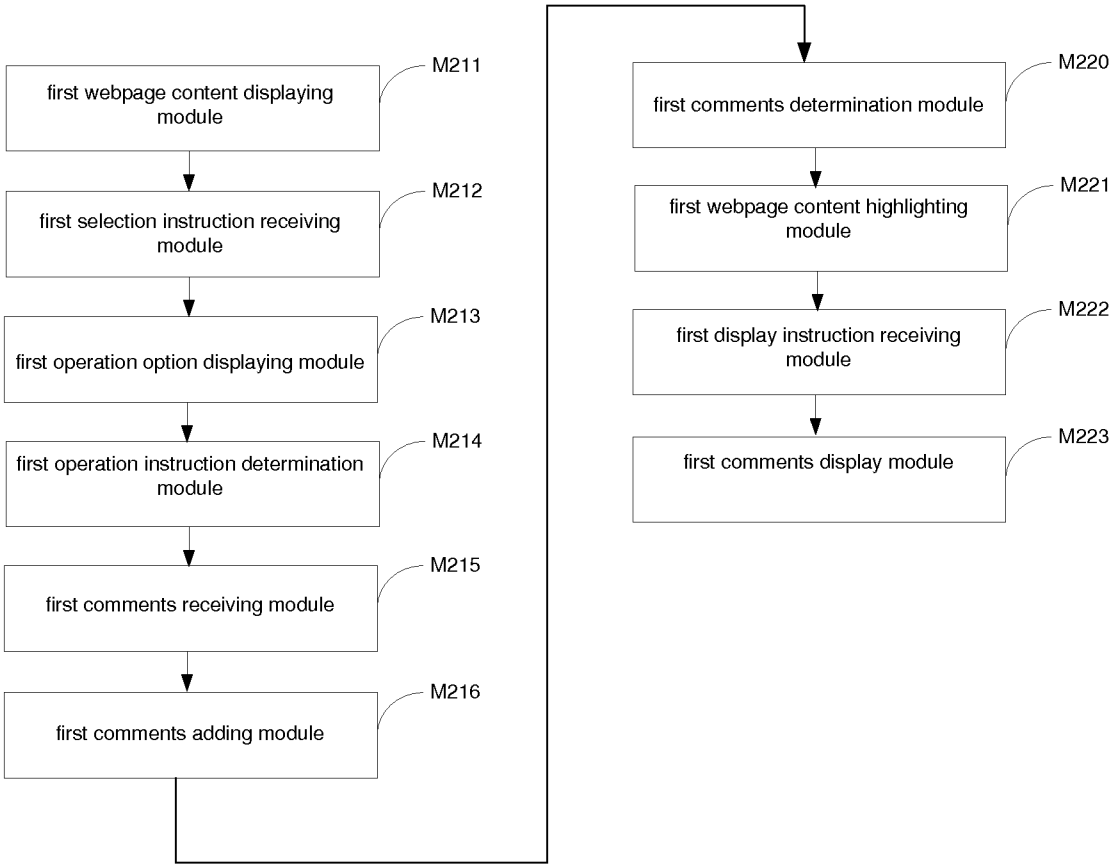

first webpage content displaying module
M211
first selection instruction receiving module
M212
first operation option displaying module
M213
first operation instruction determination module
M214
first comments receiving module
M215
first comments adding module
M216
first comments determination module
M220
first webpage content highlighting module
M221
first display instruction receiving module
M222
first comments display module
M223

Fig. 2

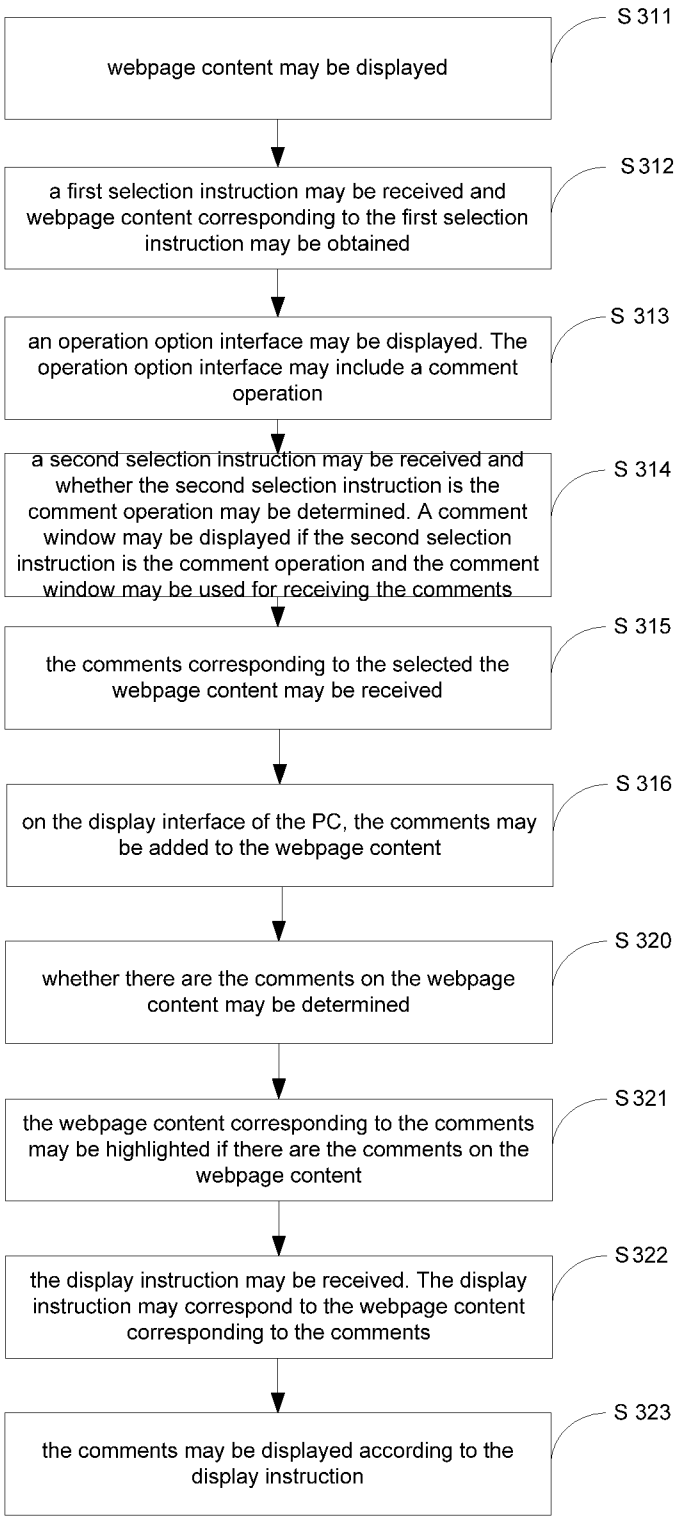

webpage content may be displayed
S 311
a first selection instruction may be received and webpage content corresponding to the first selection instruction may be obtained
S 312
an operation option interface may be displayed. The operation option interface may include a comment operation
S 313
a second selection instruction may be received and whether the second selection instruction is the comment operation may be determined. A comment window may be displayed if the second selection instruction is the comment operation and the comment window may be used for receiving the comments
S 314
the comments corresponding to the selected the webpage content may be received
S 315
on the display interface of the PC, the comments may be added to the webpage content
S 316
whether there are the comments on the webpage content may be determined
S 320
the webpage content corresponding to the comments may be highlighted if there are the comments on the webpage content
S 321
the display instruction may be received. The display instruction may correspond to the webpage content corresponding to the comments
S 322
the comments may be displayed according to the display instruction
S 323

Fig. 3A

In a recently-published article of astrophysics bulletin, a research group provides an organic chemistry process occurred on ice surface in a low-temperature environment of the Solar system and a similar process occurred in a lower-temperature environment in the interstellar space. Scientists give a conclusion that basic components constituting the life are water and organic matters. Evolution of the life starts from the isolated ice. At present, people do not clearly know the complicated transition process from frozen organic matters to slime molds. The result of the experiment in l ocess for transiting the frozen organic m lemented.

Copy Search Comment

Fig. 3B

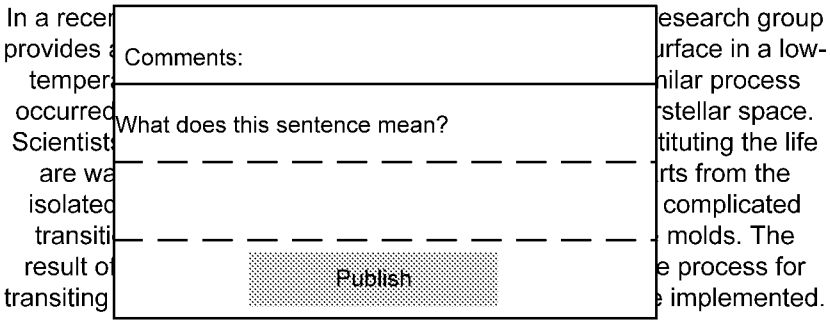


Fig. 3C

In a recently-published article of astrophysics bulletin, a research group provides an organic chemistry process occurred on ice surface in a low-temperature environment of the Solar system and a similar process occurred in a lower-temperature environment in the interstellar space. Scientists give a conclusion that basic components constituting the life are water and organic matters. Evolution of the life starts from the isolated ice. At present, people do not clearly know the complicated transition process from frozen organic matters to slime molds. The result of the experiment in laboratory has shown that the process for transiting the frozen organic matters to 'pre-biotic' may be implemented.

**say:
What does this sentence mean?

Fig. 3D

In a recently-published article of astrophysics bulletin, a research group provides an organic chemistry process occurred on ice surface in a low-temperature environment of the Solar system and a similar process occurred in a lower-temperature environment in the interstellar space. Scientists give a conclusion that basic components constituting the life are water and organic matters. Evolution of the life starts from the isolated ice. At present, people do not clearly know the complicated transition process from frozen organic matters to slime molds (3) The result of the experiment in laboratory has shown that the process for transiting the frozen organic matters to 'pre-biotic' may be implemented.

Fig. 3E

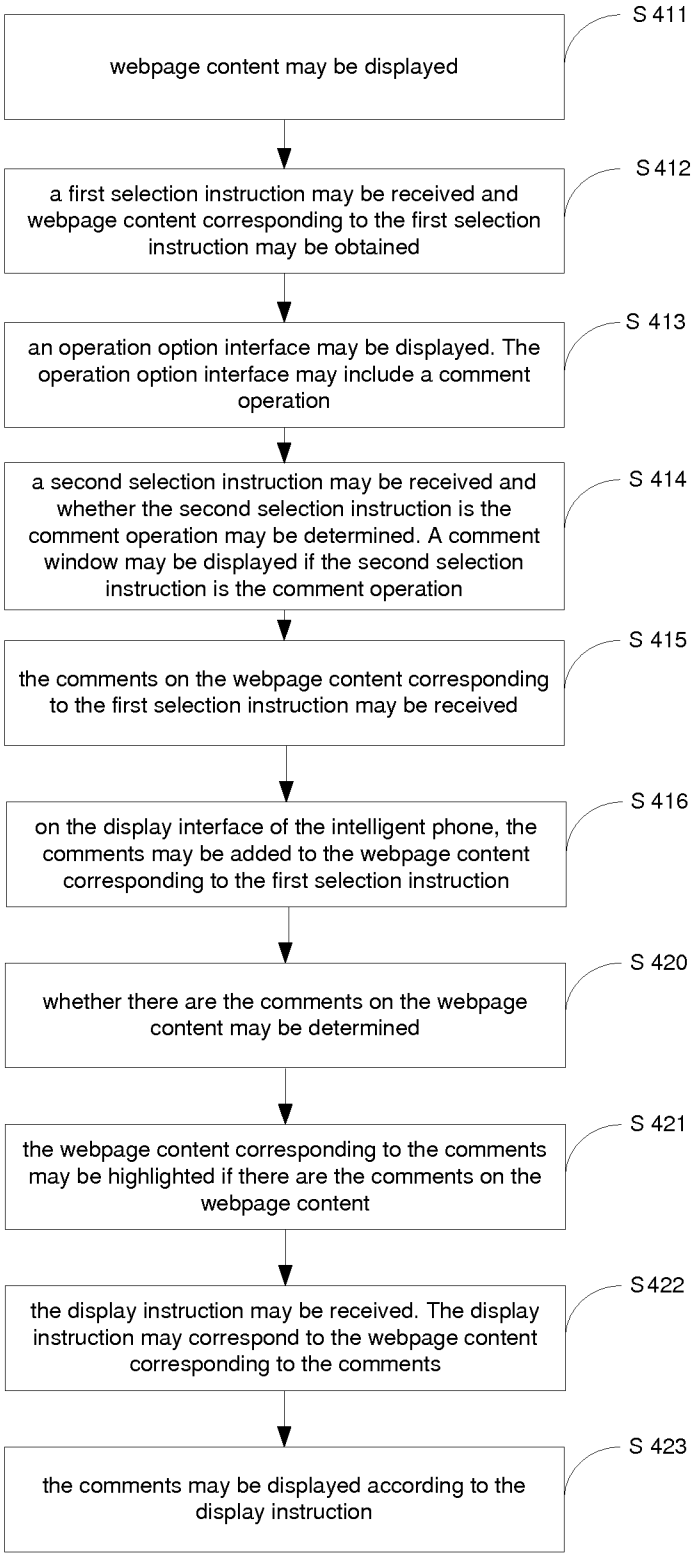

webpage content may be displayed
S 411
a first selection instruction may be received and webpage content corresponding to the first selection instruction may be obtained
S 412
an operation option interface may be displayed. The operation option interface may include a comment operation
S 413
a second selection instruction may be received and whether the second selection instruction is the comment operation may be determined. A comment window may be displayed if the second selection instruction is the comment operation
S 414
the comments on the webpage content corresponding to the first selection instruction may be received
S 415
on the display interface of the intelligent phone, the comments may be added to the webpage content corresponding to the first selection instruction
S 416
whether there are the comments on the webpage content may be determined
S 420
the webpage content corresponding to the comments may be highlighted if there are the comments on the webpage content
S 421
the display instruction may be received. The display instruction may correspond to the webpage content corresponding to the comments
S 422
the comments may be displayed according to the display instruction
S 423

Fig. 4

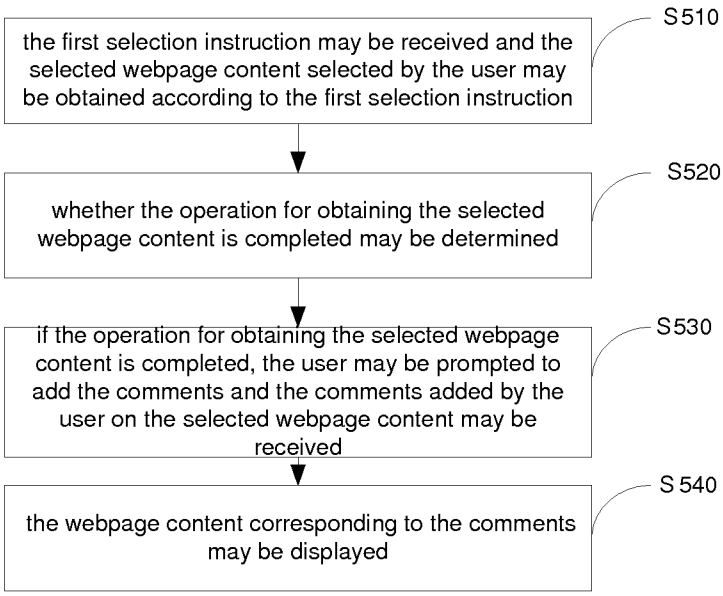

the first selection instruction may be received and the selected webpage content selected by the user may be obtained according to the first selection instruction
S510
whether the operation for obtaining the selected webpage content is completed may be determined
S520
if the operation for obtaining the selected webpage content is completed, the user may be prompted to add the comments and the comments added by the user on the selected webpage content may be received
S530
the webpage content corresponding to the comments may be displayed
S540

Fig. 5

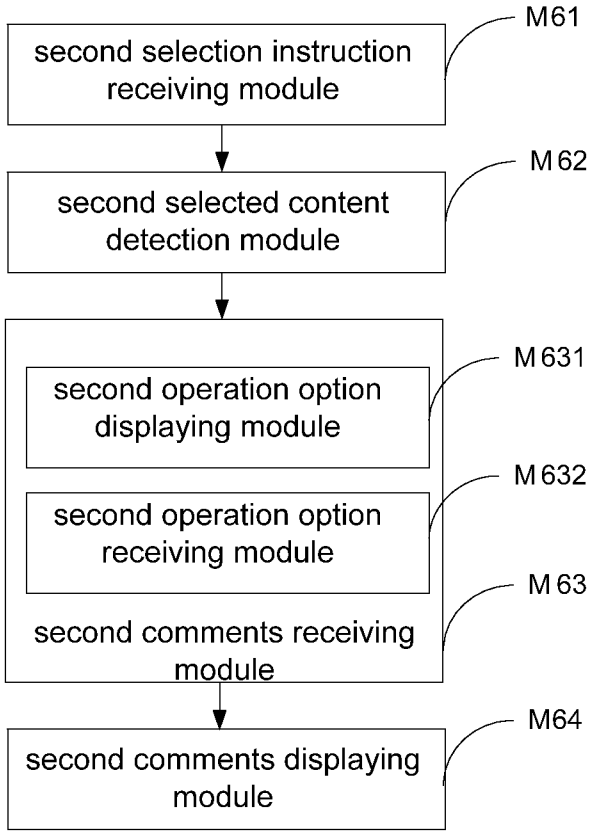

second selection instruction receiving module
M61
second selected content detection module
M62
second operation option displaying module
M631
second operation option receiving module
M632
second comments receiving module
M63
second comments displaying module
M64

Fig. 6

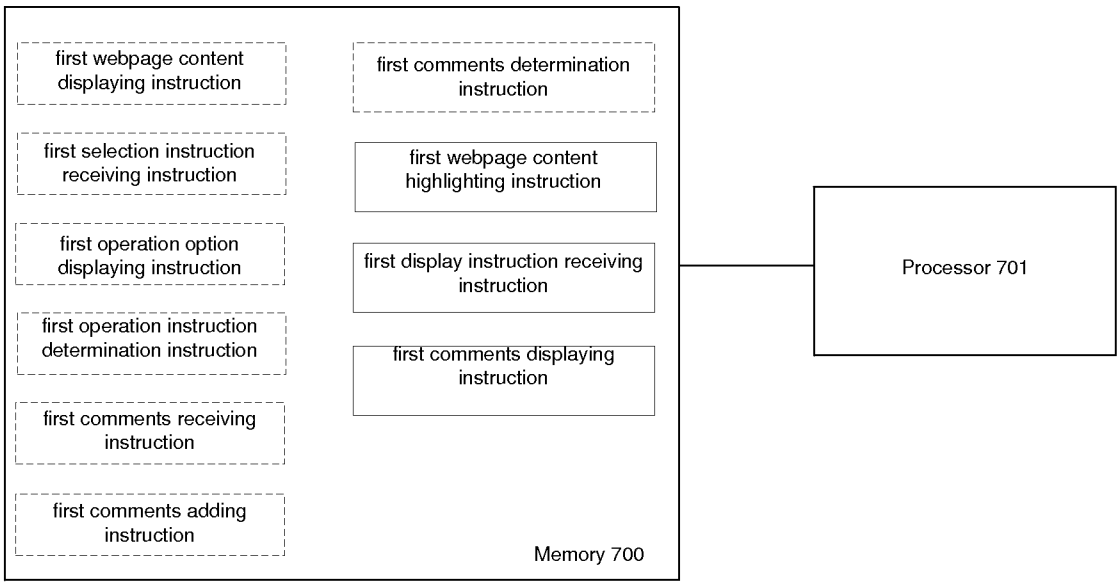

first webpage content displaying instruction
first selection instruction receiving instruction
first operation option displaying instruction
first operation instruction determination instruction
first comments receiving instruction
first comments adding instruction
first comments determination instruction
first webpage content highlighting instruction
first display instruction receiving instruction
first comments displaying instruction
Memory 700
Processor 701

Fig. 7

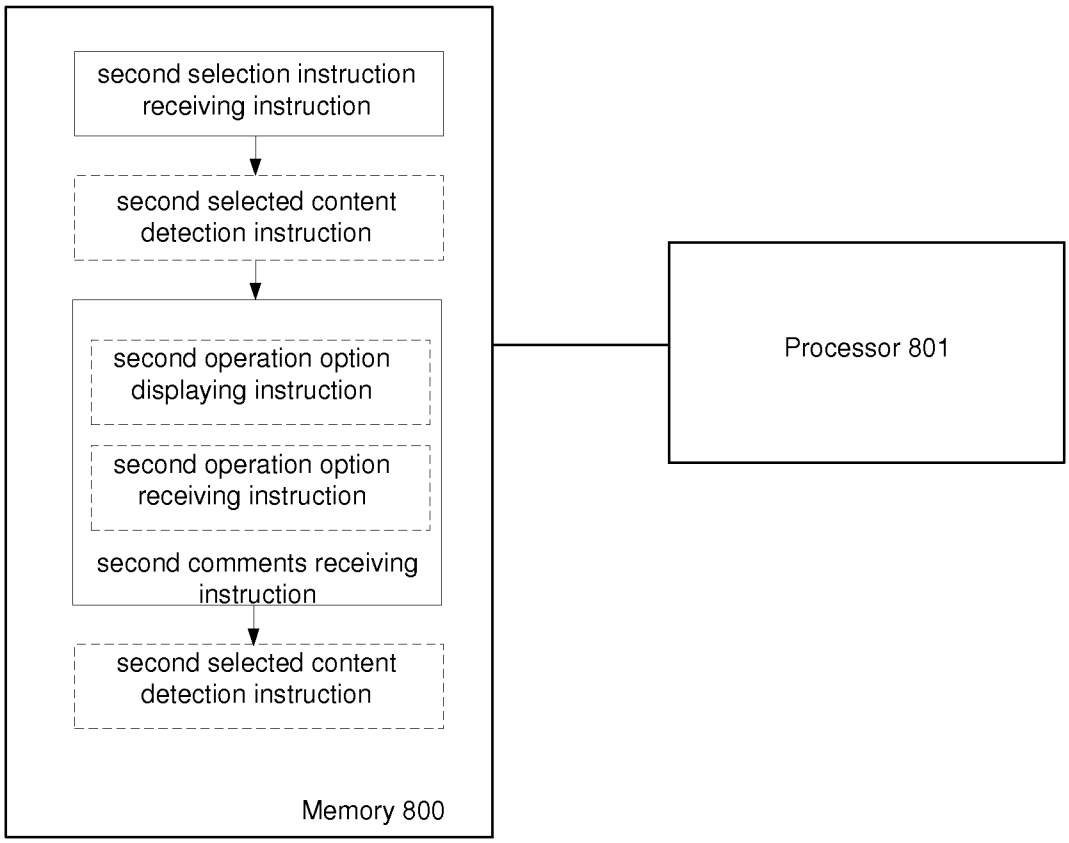

second selection instruction receiving instruction
second selected content detection instruction
second operation option displaying instruction
second operation option receiving instruction
second comments receiving instruction
second selected content detection instruction
Memory 800
Processor 801

Fig. 8

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2013/086669

A. CLASSIFICATION OF SUBJECT MATTER

G06F 17/30(2006.01) i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: G06F 17/-

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CNKI, CPRSABS, VEN: page, webpage, comment, highlight

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006048046 A1(INT BUSINESS MACHINES CORP)02 March 2006(02.03.2006) see the description paragraphs [0008]-[0010], [0028], [0034], figures 3, 5	1-21
A	CN 101458710 A(TENCENT TECH SHENZHEN CO LTD)17 June 2009(17.06.2009)see the whole document	1-21

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
23 January 2014(23.01.2014)	**13 Feb. 2014 (13.02.2014)**
Name and mailing address of the ISA/CN The State Intellectual Property Office, the P.R.China 6 Xitucheng Rd., Jimen Bridge, Haidian District, Beijing, China 100088 Facsimile No. 86-10-62019451	Authorized officer LI, Yuanye Telephone No. (86-10)62411751

Form PCT/ISA /210 (second sheet) (July 2009)

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2013/086669

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
US 2006048046 A1	02.03.2006	US 7299407 B2	20.11.2007
CN 101458710 A	17.06.2009	None	