

a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.

**12.** The computer-implemented method of claim **11**, including:

while displaying a web browser application,  
 detecting one or more first finger contacts with the touch screen display;  
 applying a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and  
 processing the first command;  
 wherein the first set of heuristics comprises:  
 the vertical screen scrolling heuristic; and  
 the two-dimensional screen translation heuristic; and  
 while displaying a photo album application,  
 detecting one or more second finger contacts with the touch screen display;  
 applying a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and  
 processing the second command;  
 wherein the second set of heuristics comprises:  
 the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and  
 a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.

**13.** The computer-implemented method of claim **12**, wherein the first set of heuristics comprises a heuristic for determining that the one or more first finger contacts correspond to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.

**14.** The computer-implemented method of claim **11**, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.

**15.** The computer-implemented method of claim **11**, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.

**16.** The computer-implemented method of claim **11**, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly horizontal with respect to the touch screen display corresponds to a one-dimensional horizontal screen scrolling command rather than the two-dimensional screen translation command.

**17.** A computer readable storage medium having stored therein instructions, which when executed by a device with a touch screen display, cause the device to:

detect one or more finger contacts with the touch screen display;

apply one or more heuristics to the one or more finger contacts to determine a command for the device; and  
 process the command;

wherein the one or more heuristics comprise:

a vertical screen scrolling heuristic for determining that the one or more finger contacts correspond to a one-dimensional vertical screen scrolling command rather than a two-dimensional screen translation command;  
 a two-dimensional screen translation heuristic for determining that the one or more finger contacts correspond to the two-dimensional screen translation command rather than the one-dimensional vertical screen scrolling command; and  
 a next item heuristic for determining that the one or more finger contacts correspond to a command to transition from displaying a respective item in a set of items to displaying a next item in the set of items.

**18.** The computer readable storage medium of claim **17**, wherein the computer readable medium has stored therein instructions, which when executed by a device with a touch screen display, cause the device to:

while displaying a web browser application,  
 detect one or more first finger contacts with the touch screen display;  
 apply a first set of heuristics for the web browser application to the one or more first finger contacts to determine a first command for the device; and  
 process the first command;  
 wherein the first set of heuristics comprises:  
 the vertical screen scrolling heuristic; and  
 the two-dimensional screen translation heuristic; and  
 while displaying a photo album application,  
 detect one or more second finger contacts with the touch screen display;  
 apply a second set of heuristics for the photo album application to the one or more second finger contacts to determine a second command for the device; and  
 process the second command;  
 wherein the second set of heuristics comprises:  
 the next item heuristic, wherein the respective item in the set of items is a respective image in a set of images; and  
 a heuristic for determining that the one or more second finger contacts correspond to a command to transition from displaying the respective image in the set of images to displaying a previous image in the set of images.

**19.** The computer readable storage medium of claim **17**, wherein, in one heuristic of the one or more heuristics, a contact comprising a finger swipe gesture that initially moves within a predetermined angle of being perfectly vertical with respect to the touch screen display corresponds to the one-dimensional vertical screen scrolling command.

**20.** The computer readable storage medium of claim **17**, wherein, in one heuristic of the one or more heuristics, a contact comprising a moving finger gesture that initially moves within a predefined range of angles corresponds to the two-dimensional screen translation command.

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