like.

Citation List

Patent Document

[0005] Patent Document 1: JP 2009-1697300A

Disclosure of the Invention

Problem to be Solved by the Invention

[0006] Incidentally, although multiple Web applications are executed in a Web browser, sharing of data between Web applications is not permitted. Accordingly, even if a Web application wishes to use data stored by another application, that application needs to acquire the data through an external server. For this reason, conventional Web applications have been problematic in that an improvement in processing speed cannot be achieved.

[0007] On the other hand, it is also thought that the above-mentioned problem can be solved by storing data used by Web applications in a storage device of a terminal device and managing the data using the terminal device. However, in such a case, leakage of data from the terminal device is foreseeable in cases where the terminal device is lost or stolen, and thus security decreases.

[0008] ~~An example of an object~~ Embodiments of the present invention ~~is~~ seek to solve the foregoing problems, and to provide a terminal device, a data coordination method, and a program, according to which a decrease in security ~~is~~ may be suppressed, and data sharing between Web applications ~~is~~ may be enabled.

Means for Solving the Problem

[0009] ~~In order to achieve the above-described object, a~~A terminal device according to one aspect of the present invention is a terminal device configured to execute content programs transmitted from a Web server, the terminal device including:

an operating system;

content display units constructed for each content program, the content display units each being configured to display a piece of content defined by a corresponding content program; and

a control unit configured to control the operating system according to an instruction from a corresponding content display unit,

wherein the control unit constructs a shared region using virtual memory of the operating system and performs storage of data in the shared region or acquisition of data from the shared region according to an instruction from a corresponding content display unit, via the operating system.

[0010] ~~Also, in order to achieve the above-described object, a~~A data coordination method according to an aspect of the present invention is

a method for, in a terminal device including an operating system, content display units constructed for each content program transmitted from a Web server, the content display units each being configured to display a piece of content defined by a corresponding content program, and a control unit configured to control the operating system according to an instruction from a corresponding content display unit,

performing data coordination between the content display units, the method including:

(a) a step in which the control unit constructs a shared region using virtual memory of the operating system; and

(b) a step in which the control unit performs storage of data in the shared

region or acquisition of data from the shared region according to an instruction from a corresponding content display unit, via the operating system.

[0011] ~~Furthermore, in order to achieve the above-described object, a~~A computer-readable recording medium according to an aspect of the present invention is a computer-readable storage medium on which is recorded a program for, in a terminal device including an operating system, content display units constructed for each content program ~~transmitted from a Web server,~~ the content display units each being configured to display a piece of content defined by a corresponding content program, and a control unit configured to control the operating system according to an instruction from a corresponding content display unit,

performing data coordination between the content display units, the recorded program including commands for causing the control unit to execute:

(a) a step of constructing a shared region using virtual memory of the operating system; and

(b) a step of performing storage of data in the shared region or acquisition of data from the shared region according to an instruction from a corresponding content display unit, via the operating system.

Effects of the Invention

[0012] As described above, according to embodiments of the present invention, it is possible to suppress a decrease in security and enable data sharing between Web applications.

Brief Description of the Drawings

[0013]

FIG. 1 is a module configuration diagram showing a configuration of a