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media, which may embody computer readable instructions, data structures, program modules, or other data in a modulated data signal. The term “modulated data signal” means a signal that has one or more of its characteristics set or changed in such a manner as to encode information or a message in the data signal. By way of example, and not limitation, communication media includes wired media such as a wired network or direct-wired connection, and wireless media such as an acoustic, RF, infrared, and other wireless media.

In some embodiments, computer system 500 also includes input and output connections 512, and interfaces and peripheral devices, such as a graphical user interface. Input device(s) are also referred to as user interface selection devices and include, but are not limited to, a keyboard, a mouse, a pen, a voice input device, a touch input device, etc. Consistent with embodiments of the present disclosure, the input device may comprise any motion detection device capable of detecting the movement of a user. For example, the input device may comprise a KINECT® motion capture device, from Microsoft Corporation, comprising a plurality of cameras and a plurality of microphones. Other embodiments are possible. Output device(s) are also referred to as displays and include, but are not limited to, cathode ray tube displays, plasma screen displays, liquid crystal screen displays, speakers, printers, etc. These devices, either individually or in combination, connected to input and output connections 512 are used to display the information as described herein. All these devices are well known in the art and need not be discussed at length here.

In some embodiments, the component described herein comprise such modules or instructions executable by computer system 500 that may be stored on computer storage medium and other tangible mediums and transmitted in communication media. Computer storage media includes volatile and non-volatile, removable and non-removable media implemented in any method or technology for storage of information such as computer readable instructions, data structures, program modules, or other data. Combinations of any of the above should also be included within the scope of readable media. In some embodiments, computer system 500 is part of a network that stores data in remote storage media for use by the computer system 500.

The example embodiments described herein may be implemented as logical operations in a computing device in a networked computing system environment. The logical operations may be implemented as: (i) a sequence of computer implemented instructions, steps, or program modules running on a computing device; and (ii) interconnected logic or hardware modules running within a computing device. Generally, consistent with embodiments of the invention, program modules may include routines, programs, components, data structures, and other types of structures that may perform particular tasks or that may implement particular abstract data types. Moreover, embodiments of the invention may be practiced with other computer system configurations, including hand-held devices, multiprocessor systems, microprocessor-based or programmable consumer electronics, minicomputers, mainframe computers, and the like. Embodiments of the invention may also be practiced in distributed computing environments where tasks are performed by remote processing devices that are linked through a communications network. In a distributed computing environment, program modules may be located in both local and remote memory storage devices.

Furthermore, embodiments of the invention may be practiced in an electrical circuit comprising discrete electronic elements, packaged or integrated electronic chips containing

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logic gates, a circuit utilizing a microprocessor, or on a single chip containing electronic elements or microprocessors. For example, embodiments of the invention may be practiced via a system-on-a-chip (SOC) where each or many of the components illustrated in FIG. 8 may be integrated onto a single integrated circuit. Such an SOC device may include one or more processing units, graphics units, communications units, system virtualization units and various application functionality all of which are integrated (or “burned”) onto the chip substrate as a single integrated circuit. When operating via an SOC, the functionality, described herein, with respect to the self-describing files may be operated via application-specific logic integrated with other components of the computing device 500 on the single integrated circuit (chip). Embodiments of the invention may also be practiced using other technologies capable of performing logical operations such as, for example, AND, OR, and NOT, including but not limited to mechanical, optical, fluidic, and quantum technologies. In addition, embodiments of the invention may be practiced within a general purpose computer or in any other circuits or systems.

FIGS. 6A and 6B illustrate a mobile computing device 600, for example, a mobile telephone, a smart phone, a tablet personal computer, a laptop computer, and the like, with which embodiments of the disclosure may be practiced. With reference to FIG. 6A, an exemplary mobile computing device 600 for implementing the embodiments is illustrated. In a basic configuration, the mobile computing device 600 is a handheld computer having both input elements and output elements. The mobile computing device 600 typically includes a display 605 and one or more input buttons 610 that allow the user to enter information into the mobile computing device 600. The display 605 of the mobile computing device 600 may also function as an input device (e.g., a touch screen display). If included, an optional side input element 615 allows further user input. The side input element 615 may be a rotary switch, a button, or any other type of manual input element. In alternative embodiments, mobile computing device 600 may incorporate more or less input elements. For example, the display 605 may not be a touch screen in some embodiments. In yet another alternative embodiment, the mobile computing device 600 is a portable phone system, such as a cellular phone. The mobile computing device 600 may also include an optional keypad 635. Optional keypad 635 may be a physical keypad or a “soft” keypad generated on the touch screen display. In various embodiments, the output elements include the display 605 for showing a graphical user interface (GUI), a visual indicator 620 (e.g., a light emitting diode), and/or an audio transducer 625 (e.g., a speaker). In some embodiments, the mobile computing device 600 incorporates a vibration transducer for providing the user with tactile feedback. In yet another embodiment, the mobile computing device 600 incorporates input and/or output ports, such as an audio input (e.g., a microphone jack), an audio output (e.g., a headphone jack), and a video output (e.g., a HDMI port) for sending signals to or receiving signals from an external device. In embodiments, the content of the self-describing file may be displayed on the display 605.

Although described herein in combination with the mobile computing device 600, in alternative embodiments of the disclosure may be used in combination with any number of computer systems, such as in desktop environments, laptop or notebook computer systems, multiprocessor systems, microprocessor based or programmable consumer electronics, network PCs, mini computers, main frame computers and the like. Embodiments of the disclosure may also be practiced in distributed computing environments where tasks are per-