

# **WILEY ELECTRICAL AND ELECTRONICS ENGINEERING DICTIONARY**

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**email attachment** A file that is appended to an email. Such a file may be a document, an image, a video, a program, and so on. Certain types of attachments are encoded, thus requiring the recipient to have the appropriate email software to decode them. Also called **enclosure (3)**, **file attachment**, **attachment**, or **mail attachment**.

**email autoresponder** A feature or program which automatically sends a previously prepared email in response to a received email. Used, for instance, to inform that an email has been received and will be responded to at a later time. Also called **autoresponder**, or **mail autoresponder**.

**email bomb** The sending of an excessive amount of unwanted email to the same recipient. For instance, the generation of many identical emails which are sent repeatedly to the same email address. It also applies to arranging for a given recipient to receive an inordinate amount of email, for instance, by being placed in numerous mailing lists. In addition to any inconvenience this causes a user, it also wastes available bandwidth, and other network resources. Also, the undesired emails themselves. This contrasts with **spam**, which is unsolicited email directed towards multiple, often millions, of users. Its abbreviation is **e-bomb**. Also called **mail bomb**.

**email bot** Same as **email robot**.

**email client** A program which resides in a computer, enabling it to have access to the mail servers of a network. It enables the sending, receiving, and organizing of email. Also called **mail client**.

**email filter** In an email program, a feature which allows for the automatic sorting of incoming email. For instance, a user can set filters to delete unwanted email from specific spammers, or place emails from a specific individual or entity in its own folder. Also called **mail filter**.

**email folder** A directory which is used for organizing and storing emails. All email programs are equipped with folders, such as those for incoming mail, sent mail, and trash, and usually allow users to create others, such as those for friends or colleagues, to which incoming mail can be directed. Also called **mail folder**.

**email forwarding** The resending of an email that has already reached a recipient's address. Once received, an email may be forwarded manually or automatically to one or more email addresses. When an email is manually forwarded, its content may be changed and/or files may be attached. Also called **forwarding (3)**, or **mail forwarding**.

**email header** The first part of an email, which contains information such as the email address of the sender, that of the recipient or recipients, the time and date sent, the subject, mail protocols utilized, the IP address of the sender, and so on. Also called **mail header**.

**email program** A program providing the necessary tools to read, prepare, and send and retrieve emails to and from the mail servers of a network. Such a program usually provides features such as word-processing functions, an address book, the capability to insert hyperlinks, filtering, and the ability to retrieve mail from other email accounts. Also called **email software**, or **mail program**.

**email robot** A program which sends automated responses to emails, or which performs other functions such as removals from mailing lists. Its abbreviation is **email bot**. Also spelled **e-mail robot**. Also called **mail robot**.

**email server** Also called **mail server**. 1. A computer which serves to store and/or forward email. 2. The software which enables an **email server (1)** to perform its functions.

**email signature** Also called **signature**. 1. Content, such as a text, image, file, or combination of these, which is appended to an email or message. Examples include favorite quotes, contact information, vCards, or disclaimers. A user may select whether such a signature is included automatically when sending. 2. Same as **electronic signature**.

**email software** Same as **email program**.

**email virus** A computer virus sent through email. Such a virus is usually in the form of an attachment, which if left unopened prevents the harm it may bring. Also called **mail virus**.

**emanation** To come out of, or be sent from a source. For instance, the light emanating from a lamp.

**embed** To incorporate in a surrounding mass or enclosure. For example, the embedding of electronic components or devices, so that they can perform their functions while sealed or otherwise protected. Also, to include within a larger entity. For instance, to incorporate of a chip into an automobile, toy, appliance, clock, or the like. Another example is to incorporate a software routine into a program.

**embedded** That which has been incorporated into a surrounding mass or enclosure. For example, an embedded electronic component or device. Also, that which has been included within a larger entity.

**embedded application** A computer application which is **embedded**. It may refer, for instance, to an application incorporated into an embedded computer.

**embedded command** A computer command which is **embedded** within a file, such as that containing text or graphics. Used, for example, for page layout parameters.

**embedded component** A component which is **embedded**.

**embedded computer** A computer which is **embedded**. Frequently refers to a microcontroller with the necessary programming to perform one or more tasks. Also called **embedded system**.

**embedded controller** A controller which is **embedded**. May refer, for instance, to a chip which controls the way peripheral accesses a computer.

**embedded help** Onscreen help which is provided without a user requesting it. Seen, for instance, in kiosks, where helpful text and/or images guide a user through the various desired steps.

**embedded link** Within a Web site, a link which directs to a relevant area elsewhere within the same Web site.

**embedded program** A computer program which is **embedded**. It may refer, for instance to a program incorporated into an embedded computer, or that in ROM.

**embedded software** One or more **embedded programs**.

**Embedded SQL** SQL statements which are embedded within another programming language, such as C++.

**embedded system** Same as **embedded computer**.

**embedded Web server** A device which has embedded software and/or hardware which performs Web server functions. Examples include robots, instruments, or appliances which incorporate a chip facilitating connection to the Internet.

**EMC** Abbreviation of **electromagnetic compatibility**.

**EME 1.** Abbreviation of **electromagnetic environment**.

2. Abbreviation of **earth-moon-earth**.

**EME communications** Abbreviation of **earth-moon-earth communications**.

**Emergency Alert System** A system which interrupts TV and radio broadcasts to disseminate emergency information and instructions. It incorporates digital and automation technology better than the **Emergency Broadcast System**. The Emergency Alert System has replaced the Emergency Broadcast System. Its abbreviation is **EAS**.

**Emergency Broadcast System** A system similar to the **Emergency Alert System**, but with less incorporation of digital and automation technology. The Emergency Alert System has replaced the Emergency Broadcast System. Its abbreviation is **EBS**.

**emergency channel** A channel reserved and/or utilized for emergency communications.