



# Memory Stick Information for Developers

Memory Stick ▶▶ Directory Regulation

## 9. Directory Regulation

### 9.1. Overview

Memory Stick can be used as a general-purpose data-recording medium. It has been designed so that users can use it with Appliances without being conscious of the inner file. For this purpose, file data format and directory name, etc., are prescribed. Recording/playback appliances are required to record under such regulations.

Regulated here is how to arrange the files to be recorded in Memory Stick.

Methods of recording and management for each format are specified separately.

#### 9.1.1. Directory and File Arrangement

Directory and file arrangement in Memory Stick are based on the following concepts, so that recording/playback appliances can easily find the file which they support, and efficiently arrange the files :

- ◆ Data file is not placed directly in the root directory.
- ◆ Designated directory is created for each application, where data file is recorded in designated data format.
- ◆ Files specific to a vendor are recorded in a directory, which is created for the vendor.

#### 9.1.2. Directory and File Name

The prescribed directory and file names are as shown in Appendix B. Directories and files other than these shall not be placed in the root directory. Directories in the root directory may be added as necessary. Files specific to a vendor shall be located under a directory for the vendor. The directory and file structure are unrestricted.

### 9.1.3. Directory Expansion in Root Directory

Directory in root directory is expanded according to the following rules, and added to the specifications.

- ◆ New directory is created for every new application. This is to avoid such situation as a file for a certain application is recorded in vendor-specific directory, and access from other Appliance is disabled.
- ◆ Vendor-specific directory name shall be registered in order to prevent overlapping.  
As a general rule, one registration shall be made for one vendor.

## 9.2. Directory Structure

Fig. 9.2.1. shows an example of a directory structure. In this example, still image, voice, audio and vendor-specific file can be stored. In the vendor's directory, arbitrary files can be arranged freely. In other directories, files shall be located as in the format and arrangement provided separately.

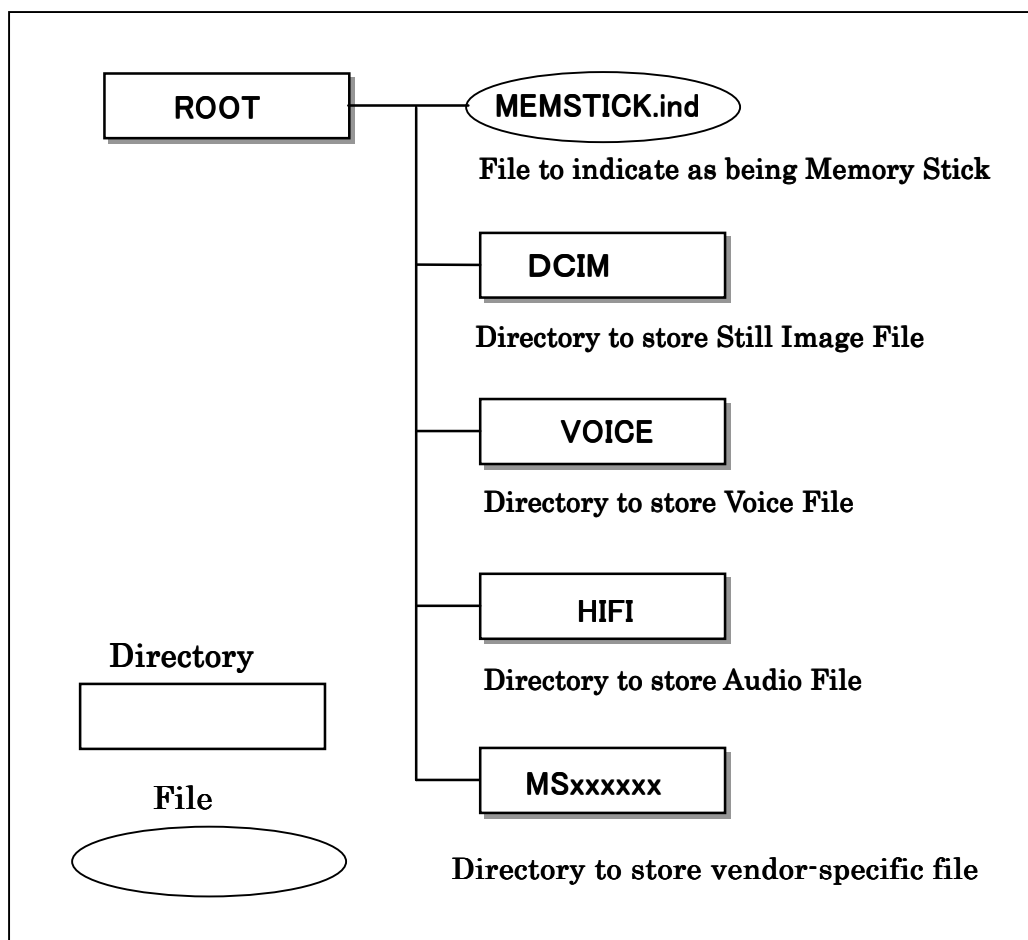


Fig. 9.2.1 Directory Structure Example