

		Data Base Field (Used in Python)
Table Name:		FMDB
S.No	Columns:	Data Base Field (Used in Python)
1	Manufacturer	Manufacturer
2	Model/Name	Modelname
3	Version	Version
4	Type	Type
5	Release Date	Releasedate
6	Checksum	Checksum
7	EMBA tested	Embatested
8	EMBA link to report	Embalinktoreport
9	EMBArk link to report	Embarklinktoreport
10	Firmware downloads link	Fwdownloadlink
11	Firmware filesystem link	Fwfilelinktolocal
12	Firware File ID	Fwfileid
13	Additional Data	Fwadddata

Note: The data is assumed to as per the information available and can be c

Acronym/ Description (with example)

Firmware Database

Acronym/ Description (with example)

(e.g., Siemens, D-Link, AVM, ABB, ...)

- Please refer to the link for all vendors needed for the project:

Vendors (<https://github.com/amosproj/amos2022ss01-firmware-downloader/blob/main/Documentation/Vendors%20to%20be%20investigated.pdf>)

(e.g., S7-1500, DIR300, Scalance-X, ...)

(e.g., 1.2.3)

(e.g., Router, Switch, Firewall, PLC, ...)

If available from web scraper

sha512

yes/ no

filesystem

(http://...

vendor link

to find it on the filesystem

Firmware filesystem unique index id for each new file added
into DB or local file system (In future, to integrate with EMBA/
EMBArk)

Additional Data (e.g., all additional description about the
product)

changed at any moment based on the changes needed in the Project

Data Base (As per SQLite3 Config)

Data Type	Constraint
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TEXT	NOT NULL
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VARCHAR	NOT NULL
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TEXT	NOT NULL
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TEXT	NOT NULL
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TEXT	-
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TEXT	-
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TEXT	NOT NULL
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TEXT	-
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TEXT	-
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TEXT	NOT NULL
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TEXT	NOT NULL
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VARCHAR	PRIMARY KEY
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BLOB	-
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