

## Data Dictionary

### Project Table

Field Name	Data Type	Field Length	Constraint	Description
<b>project_id</b>	serial	n/a	PRIMARY KEY	Surrogate key to identify projects easily.
<b>IP</b>	varchar	50	NOT NULL, UNIQUE combination	The IP address of the server that the project is hosted on. Combination with name needs to be unique
<b>name</b>	varchar	50	NOT NULL, UNIQUE combination	The name of the project. Combination with IP needs to be unique.

### Software Table

Field Name	Data Type	Field Length	Constraint	Description
<b>software_id</b>	serial	n/a	PRIMARY KEY	Surrogate key to identify specific software easily.
<b>name</b>	varchar	50	NOT NULL, UNIQUE	The name of the software. This needs to be unique within the table.
<b>latest_version</b>	varchar	50	NOT NULL	The version number of the latest available version of the software.

### Project\_Software Table

Field Name	Data Type	Field Length	Constraint	Description
<b>project_id</b>	integer	n/a	PRIMARY KEY, FOREIGN KEY	Foreign key that references the project id in the project table to identify the project on which the software is installed.
<b>software_id</b>	integer	n/a	PRIMARY KEY, FOREIGN KEY	Foreign key that references the software id in the software table to identify which software it is.
<b>installed_version</b>	varchar	50	NOT NULL	The version number of the software installed on the project server. To be compared against the latest available version.

## EOL Table

Field Name	Data Type	Field Length	Constraint	Description
<b>software_id</b>	integer	n/a	PRIMARY KEY, FOREIGN KEY	Foreign key that references the software id in the software table to identify which software it is.
<b>version</b>	varchar	50	NOT NULL	The version of the software the end-of-life date refers to.
<b>eol_date</b>	date	n/a	NOT NULL	The end-of-life date for the version of the specified software. Indicates when support for the software will end.