device

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| device\_id | int |  | YES | NO |  |
| device\_name | varchar(255) |  |  | YES |  |
| comments | text(65535) |  |  | YES |  |

device\_channels

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| channel\_id | int |  | YES | NO |  |
| channel\_name | varchar(255) |  |  | YES |  |

experiment\_channels

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| experiment\_channel\_id | int |  | YES | NO |  |
| log\_id | int |  |  | YES |  |
| channel\_id | int |  |  | YES |  |
| param\_type\_id | int |  |  | YES |  |

experiment\_logs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| start\_time | timestamp |  |  | YES |  |
| log\_id | int |  | YES | NO |  |
| comments | text(65535) |  |  | YES |  |
| device\_id | int |  |  | YES |  |

experiment\_parameters

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| experiment\_param\_id | int |  | YES | NO |  |
| param\_type\_id | int |  |  | YES |  |
| log\_id | int |  |  | YES |  |
| param\_value | varchar(255) |  |  | YES |  |

labjack\_t7\_pro\_data

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| experiment\_time | timestamp |  |  | YES |  |
| labjack\_data\_id | int |  | YES | NO |  |
| log\_id | int |  |  | YES |  |
| channel1\_id | float |  |  | YES |  |
| channel1\_data | float |  |  | YES |  |
| channel2\_id | float |  |  | YES |  |
| channel2\_data | float |  |  | YES |  |
| channel3\_id | float |  |  | YES |  |
| channel3\_data | float |  |  | YES |  |
| channel4\_id | float |  |  | YES |  |
| channel4\_data | float |  |  | YES |  |
| channel5\_id | float |  |  | YES |  |
| channel5\_data | float |  |  | YES |  |
| channel6\_id | float |  |  | YES |  |
| channel6\_data | float |  |  | YES |  |
| channel7\_id | float |  |  | YES |  |
| channel7\_data | float |  |  | YES |  |
| channel8\_id | float |  |  | YES |  |
| channel8\_data | float |  |  | YES |  |
| channel9\_id | float |  |  | YES |  |
| channel9\_data | float |  |  | YES |  |
| channel10\_id | float |  |  | YES |  |
| channel10\_data | float |  |  | YES |  |
| channel11\_id | float |  |  | YES |  |
| channel11\_data | float |  |  | YES |  |
| channel12\_id | float |  |  | YES |  |
| channel12\_data | float |  |  | YES |  |
| channel13\_id | float |  |  | YES |  |
| channel13\_data | float |  |  | YES |  |
| channel14\_id | float |  |  | YES |  |
| channel14\_data | float |  |  | YES |  |

parameter\_channel\_relationships

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| relationship\_id | int |  | YES | NO |  |
| channel\_id | int |  |  | YES |  |
| param\_type\_id | int |  |  | YES |  |
| device\_id | int |  |  | YES |  |

parameter\_classes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| param\_class\_id | int |  | YES | NO |  |
| param\_class | varchar(255) |  |  | YES |  |

parameter\_types

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| param\_type\_id | int |  | YES | NO |  |
| param\_type | varchar(255) |  |  | YES |  |
| param\_class\_id | int |  |  | YES |  |