device

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| device\_id | int |  | YES | NO |  |
| device\_name | varchar(255) |  |  | 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 |  |
| exp\_channel\_id | int |  |  | YES |  |
| exp\_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 |  |

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 |  |