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| **Document Revision History** | | | | |
| **Version** | **Date** | **Status** | **Author** | **Comments** |
| 1.0 | 2016-05-13 |  | Steven Yan | Initial |
| 1.1 | 2016-05-20 |  | Steven Yan | 根據API調整Schema |
| 1.2 | 2016-05-23  2016-05-24 |  | Steven Yan | 新增qp\_project  調整app\_project\_code為project\_row\_id  新增qp\_error\_code |
| 1.3 | 2016-05-26 |  | Steven Yan | 新增qp\_role\_message |
| 1.4 | 2016-05-30 |  | Steven Yan | 調整poject\_name為app\_key, 也就是scheme的唯一名稱 |
| 1.5 | 2016-06-01 |  | Steven Yan | 根據5/31討論調整:  1.新增日期格式說明, 並建議前端顯示格式  2.TIMESTAMP預設值為1970-01-01 00:00:00  3.DB預設時區為UTC  4.每個欄位都補上範例資料 |
| 1.6 | 2016-06-30 |  | Steven Yan | 1. qp\_app\_version UK值更動   UK:app\_row\_id+version\_code+ ios\_url+ android\_url |
| 1.7 | 2016-07-20 |  | Steven Yan | 欄位異動, 因為登出後會刪除qp\_session表內的資料, 所以last\_message\_time欄位必須要放到qp\_register內:  新增qp\_register.last\_message\_time  原qp\_session.last\_message\_time刪除 |
| 1.8 | 2016-7-29 |  | Steven Yan | 異動15. qp\_app\_version  32.qp\_role\_message |
| 1.9 | 2016-8-1 |  | Steven Yan | 異動20. qp\_user\_message  32.qp\_role\_message  19. qp\_message.message\_title長度為99 |
| 2.0 | 2016-8-8 |  | Steven Yan | 1.  qp\_message:  删除source\_user\_row\_id  FK同步移除  2.  qp\_user\_message:  message\_row\_id => message\_send\_row\_id  FK同步替換  3.  qp\_role\_message:  message\_row\_id => message\_send\_row\_id  FK同步替換  4  新增qp\_message\_send這張表, 目的在於記錄所有已經推播過的MEssage  5. 在19號表下面新增說明, 說明qp\_message, qp\_message\_send,qp\_user\_message, qp\_role\_message的關係 |
| 2.1 | 2016-8-9 |  | Steven Yan | qp\_role新增company欄位 |
| 2.2 | 2016-8-22 |  | Steven Yan | 新增qp\_user\_menu表, User所擁有的權限都從這張表讀取 |
| 2.3 | 2016-8-26 |  | Steven Yan | 26 qp\_block\_list新增欄位description, varchar(255)  23 qp\_parameter新增欄位parameter\_name, varchar(50) |
| 2.4 | 2016-08-29 |  | Steven Yan | 19 qp\_message  新增欄位visible, varchar(1)  只回傳visible為Y的訊息 |
| 2.5 | 2016-08-30 |  | Steven Yan | 文件中有部分筆誤:  qp\_app.row\_id改成qp\_app\_head.row\_id  qp\_user\_group新增欄位authority\_by\_group, varchar(1)  Y代表按照群組設置菜單權限  N代表不按群組設定菜單權限 |
| 2.6 | 2016-09-01 |  | Steven Yan | 新增35 qp\_app\_custom\_api |
| 2.7 | 2016-09-08 |  | Steven Yan | 新增qp\_message.template\_id, int格式, 默認為1 |
| 2.8 | 2016-9-30 |  | Steven Yan | 1. 新增qp\_project的欄位                   project\_descriptioon                  project\_memo                  project\_pm     1. qp\_app\_custom\_api.api\_url 長度調整成500 2. 新增package\_name規範 3. qp\_message\_send新增欄位, 用來表示送出的訊息是否屬於company層級   company\_label , varchar(500)  其中空白表示不是company層級, 若屬於company層級, 以BenQ;Qisda;AUO表達 (用;隔開)   1. qp\_app\_head新增欄位, 用來表示送出的訊息是否屬於company層級   company\_label , varchar(500)  其中空白表示不是company層級, 若屬於company層級, 以BenQ;Qisda;AUO表達 (用;隔開) |
| 2.9 | 2016-10-05 |  | Steven Yan | 新增31. qp\_error\_code的塞入原則, 新增errorcode.json範例 |
| 2.10 | 2016-10-11 |  | Steven Yan | 1. qp\_user\_message, qp\_role\_message的need\_push, push\_flag欄位移除 2. qp\_message\_send這張表, 新增need\_push, push\_flag欄位 3. sendPushMessage這支API, 不管送出的參數 need\_push是Y或是N, 都會同時往qp\_message, qp\_message\_send, qp\_role\_message/qp\_user\_message裡頭塞資料 4. qp\_user\_mesage, qp\_role\_message這兩張表用意是用來管控手機的用戶是否有權限可以查看此則消息   qp\_message\_send則是用來控制消息推播狀況, 兩者在意義上是完全可以分割的 |
| 2.11 | 2016-10-19 |  | Steven Yan | * + - 1. qp\_message.message\_text的格式改成text       2. qplay後台的推播管理,顯示歷史推播清單時, qp\_message\_send.need\_push=Y或是N的資料都顯示, 並且多顯示一個是否”已推播”欄位, 可以把還沒推播的點選後, 再推播出去       3. qp\_user\_app恢復使用 |
| 2.12 | 2016-11-03 |  | Steven Yan | 1. qp\_app\_version新增size欄位   [ALTER](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_app\_version` ADD `size` [INT](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html) [NOT](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) '0' AFTER `url`;   1. qp\_app\_version新增external\_app欄位   [ALTER](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_app\_version` ADD `external\_app` [VARCHAR](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(1) [NOT](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) '0' AFTER `size`;   1. qp\_app\_head新增兩個欄位   [ALTER](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_app\_head` ADD `ios\_version\_log` [TEXT](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) NULL AFTER `company\_label`, ADD `android\_version\_log` [TEXT](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) NULL AFTER `ios\_version\_log`; |
| 2.13 | 2016-11-04 |  | Steven Yan | 1. 移除qp\_app\_head.ios\_version\_log,   qp\_app\_head.android\_version\_log  [ALTER](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_app\_head` DROP `ios\_version\_log`, DROP `android\_version\_log`;   1. qp\_app\_version新增version\_log欄位   [ALTER](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_app\_version` ADD `version\_log` [TEXT](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) NULL AFTER `external\_app`; |
| 2.14 | 2016-11-21 |  | Steven Yan | 新增分機號碼欄位在qp\_user表的email欄位後面  [ALTER](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user` ADD `ext\_no` [VARCHAR](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(20) [CHARACTER](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://qplay.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL AFTER `email`; |
| 2.15 | 2016-12-05 |  | Steven Yan | 新增欄位  [ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_message\_send` ADD `jpush\_error\_code` [VARCHAR](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(500) NULL AFTER `push\_flag`; |
| 2.16 | 2016-12-12 |  | Steven Yan | 新增欄位, qp\_user\_message新增uuid欄位  [ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user\_message` ADD `uuid` [VARCHAR](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(500) [CHARACTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL AFTER `message\_send\_row\_id`;  新增兩張表qp\_message\_send\_pushonly  qp\_user\_message\_pushonly |
| 2.17 | 2016-12-13 |  | Steven Yan | 新改qp\_user.row\_id結構為varchar(50), 填入工號  其他所有相關的user\_row\_id, source\_user\_row\_id一率更新 |
| 2.18 | 2016-12-15 |  | Steven Yan | 1. 廢掉2.17的調整, qp\_user.row\_id維持原結構int,自增長 2. 新增qp\_user\_flower   這張表的結構跟FlowER一模一樣, 用來暫存FlowER同步過來的資料        SELECT          emp\_no, login\_name, emp\_name, ext\_no, mail\_account, domain, site\_code, company, dept\_code, active, dimission\_date FROM              gbpm.am\_employee\_qplay   1. qp\_user, qp\_user\_flower加入Index:emp\_no |
| 2.19 | 2016-12-23 |  | Steven Yan | 1. qp\_user.deleted\_at格式改成datetime 2. qp\_user.ext\_no長度改成50 3. qp\_user\_flower.dimmision改成datetime格式 4. qp\_user\_flower.email\_account應該是mail\_account |
| 2.20 | 2017-01-06 |  | Steven Yan | 1. Adjust uuid,push\_token,company\_label to length 250 2. Create index |
| 2.21 | 2017-03-08 |  | Steven Yan | 1.qp\_api\_log新增兩個欄位, signature\_time, operation\_time  [ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_api\_log` ADD `signature\_time` [INT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) '0' AFTER `response\_body`, ADD `operation\_time` [FLOAT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html) [NOT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) '0.000' AFTER`signature\_time`;  2.修改qp\_api\_log.api\_version為varchar50  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_api\_log` CHANGE `api\_version` `api\_version` [VARCHAR](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [NOT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) 'v101';  3.修改以下欄位格式  [ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user` CHANGE `deleted\_at` `deleted\_at` [DATETIME](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/date-and-time-types.html) NULL [DEFAULT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) '0000-00-00 00:00:00';  [ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user\_flower` CHANGE `dimission\_date` `dimission\_date` [DATETIME](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/date-and-time-types.html) NULL [DEFAULT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) '0000-00-00 00:00:00'; |
| 2.22 | 2017-03-14 |  | Steven Yan | 新增qp\_user.register\_message  [ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user` ADD `register\_message` [VARCHAR](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(1) [CHARACTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) 'N' AFTER `resign`; |
| 2.23 | 2017-03-27 |  | Steven Yan | 新增en\_event.chatroom\_id  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `en\_event` ADD `chatroom\_id` [VARCHAR](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) '' AFTER `event\_status`; |
| 2.24 | 2017-05-11 |  | Steven Yan | 1  修改collation跟charset, 以便能保存emoji表情  Use qmessage;  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qm\_history` CHANGE `content` `content` [TEXT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL;  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qm\_api\_log` CHANGE `request\_body` `request\_body` [TEXT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL;  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qm\_api\_log` CHANGE `response\_body` `response\_body` [TEXT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL;  Use qplay;  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_api\_log` CHANGE `request\_body` `request\_body` [TEXT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL;  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_api\_log` CHANGE `response\_body` `response\_body` [TEXT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL;  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_message` CHANGE `message\_title` `message\_title` [VARCHAR](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(99) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci [NOT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) ''; [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_message` CHANGE `message\_text` `message\_text` [TEXT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL;  Use ENS;  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `en\_event` CHANGE `event\_title` `event\_title` [VARCHAR](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(500) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci [NOT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) '';  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `en\_event` CHANGE `event\_desc` `event\_desc` [TEXT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL;  2.  Log長度調整, 需放寬為mediumtex, 才能放入getEventList這類較長的字串  Use qplay;  [ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_api\_log` CHANGE `request\_body` `request\_body` [MEDIUMTEXT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) [CHARACTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL;  [ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_api\_log` CHANGE `response\_body` `response\_body` [MEDIUMTEXT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) [CHARACTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci NULL [DEFAULT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL; |
| 2.25 | 2017-05-17 |  | Steven Yan | 1.新增site\_code  [ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user` ADD `site\_code` [VARCHAR](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [CHARACTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL AFTER `user\_domain`;  2.新增為index  [ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user` ADD INDEX(`site\_code`); |
| 2.26 | 2017-09-04 |  | Steven Yan | -- phpMyAdmin SQL Dump  -- version 4.6.4  -- https://www.phpmyadmin.net/  --  -- 主機: localhost  -- 產生時間： 2017 年 09 月 04 日 03:18  -- 伺服器版本: 5.6.32  -- PHP 版本： 7.0.6  SET SQL\_MODE = "NO\_AUTO\_VALUE\_ON\_ZERO";  SET time\_zone = "+00:00";  /\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;  /\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;  /\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;  /\*!40101 SET NAMES utf8mb4 \*/;  --  -- 資料庫： `qplay`  --  -- --------------------------------------------------------  --  -- 資料表結構 `qp\_app\_download\_hit`  --  CREATE TABLE `qp\_app\_download\_hit` (  `row\_id` int(11) NOT NULL,  `login\_id` varchar(50) NOT NULL,  `uuid` varchar(250) NOT NULL,  `package\_name` varchar(250) NOT NULL,  `created\_at` timestamp NOT NULL DEFAULT '0000-00-00 00:00:00'  ) ENGINE=InnoDB DEFAULT CHARSET=utf8;  --  -- 已匯出資料表的索引  --  --  -- 資料表索引 `qp\_app\_download\_hit`  --  ALTER TABLE `qp\_app\_download\_hit`  ADD PRIMARY KEY (`row\_id`),  ADD KEY `package\_name` (`package\_name`),  ADD KEY `login\_id` (`login\_id`);  --  -- 在匯出的資料表使用 AUTO\_INCREMENT  --  --  -- 使用資料表 AUTO\_INCREMENT `qp\_app\_download\_hit`  --  ALTER TABLE `qp\_app\_download\_hit`  MODIFY `row\_id` int(11) NOT NULL AUTO\_INCREMENT;  /\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;  /\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;  /\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/; |
| 2.27 | 2017-11-06 |  | Steven.Yan | 新增5個欄位在qp\_app\_log  ALTER TABLE `qp\_app\_log` ADD `attribute1` VARCHAR(250) NULL AFTER `city`;  ALTER TABLE `qp\_app\_log` ADD `attribute2` VARCHAR(250) NULL AFTER `attribute1`;  ALTER TABLE `qp\_app\_log` ADD `attribute3` VARCHAR(250) NULL AFTER `attribute2`;  ALTER TABLE `qp\_app\_log` ADD `attribute4` VARCHAR(250) NULL AFTER `attribute3`;  ALTER TABLE `qp\_app\_log` ADD `attribute5` VARCHAR(250) NULL AFTER `attribute4`;  修改qp\_app\_log  page\_name  page\_action可以為空  ALTER TABLE `qp\_app\_log` CHANGE `page\_name` `page\_name` VARCHAR(50) CHARACTER SET utf8 COLLATE utf8\_general\_ci NULL DEFAULT '';  ALTER TABLE `qp\_app\_log` CHANGE `page\_action` `page\_action` VARCHAR(50) CHARACTER SET utf8 COLLATE utf8\_general\_ci NULL DEFAULT ''; |
| 2.28 | 2017-11-15 |  | Steven.Yan | 新增uuid欄位在qp\_app\_log表內  ALTER TABLE `qp\_app\_log` ADD `uuid` VARCHAR(250) NOT NULL AFTER `app\_row\_id`;  新增start\_time欄位在qp\_app\_log表內  ALTER TABLE `qp\_app\_log` ADD `start\_time` INT NOT NULL AFTER `page\_action`; |
| 2.29 | 2018-4-24 |  | Steven.Yan | [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_app\_head` ADD `avg\_score\_android` [MEDIUMINT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(8) NULL AFTER `avg\_score`;  ALTER TABLE `qp\_app\_head` ADD `avg\_score\_ios` MEDIUMINT(8) NULL AFTER `avg\_score`;  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_app\_evaluation` ADD `comment\_user` [MEDIUMTEXT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) NULL AFTER `score`;  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_app\_evaluation` ADD `comment\_admin` [MEDIUMTEXT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) NULL AFTER `comment\_user`;  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_app\_evaluation` ADD `comment\_user\_time` [INT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) NULL AFTER `comment\_admin`;  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_app\_evaluation` ADD `comment\_admin\_time` [INT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) NULL AFTER `comment\_user\_time`; |
| 2.30 | 2018-4-25 |  | Steven.Yan | 新增archived欄位, 供辨識是否可以退版  ALTER TABLE `qp\_app\_version` ADD `archived` VARCHAR(1) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL DEFAULT 'N' AFTER `device\_type`;  ALTER TABLE `qp\_app\_version` CHANGE `archived` `archived` VARCHAR(1) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL DEFAULT 'N' COMMENT '表示歷史版本的檔案是否已被刪除(Y)，若被刪除則無法復原'; |
| 2.31 | 2018-05-14 |  | Steven.Yan | qp\_user\_flower, 新增ad\_flag, varchar(1)  qp\_user, 新增ad\_flag, varchar(1)  password:varchar(250) |
| 3.0 | 2018-05-23 |  | Darren.K.Ti | 1. Ver@2.31 由 Steven 提出的修改建議，由於不符合後續的需求討論，沒有實作此修改。 2. Ver@3.0 新增    1. Table 40. [ qp\_company ]    2. Table 41. [ qp\_company\_log ] 3. 用以紀錄可以登入 QPlay 的公司資料，包含 LDAP IP 或是 Web Service IP。   CREATE TABLE `qplay`.`qp\_company` (  `row\_id` INT(10) UNSIGNED NOT NULL AUTO\_INCREMENT ,  `admin\_row\_id` INT(10) NULL ,  `user\_domain` VARCHAR(20) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL ,  `name` VARCHAR(20) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL ,  `login\_type` VARCHAR(10) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL ,  `server\_ip` VARCHAR(20) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL ,  `server\_port` VARCHAR(10) CHARACTER SET utf8 COLLATE utf8\_general\_ci NULL ,  `status` CHAR(1) CHARACTER SET utf8 COLLATE utf8\_general\_ci NULL DEFAULT 'Y' ,  `created\_user` INT(10) NOT NULL ,  `updated\_user` INT(10) NULL ,  `created\_at` timestamp NOT NULL DEFAULT '1970-01-01 23:23:59' ,  `updated\_at` timestamp NOT NULL DEFAULT '1970-01-01 23:23:59' ,  `deleted\_at` timestamp NOT NULL DEFAULT '1970-01-01 23:23:59' ,  PRIMARY KEY (`row\_id`)  ) ENGINE=InnoDB DEFAULT CHARSET=utf8;  CREATE TABLE `qplay`.`qp\_company\_log` (  `row\_id` INT(10) UNSIGNED NOT NULL AUTO\_INCREMENT ,  `company\_row\_id` INT(10) NOT NULL ,  `user\_row\_id` INT(10) NOT NULL ,  `change\_action` VARCHAR(10) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL ,  `old\_data` VARCHAR(20) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL ,  `new\_data` VARCHAR(20) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL ,  `created\_at` timestamp NOT NULL DEFAULT '1970-01-01 23:23:59' ,  `updated\_at` timestamp NOT NULL DEFAULT '1970-01-01 23:23:59' ,  PRIMARY KEY (`row\_id`)  ) ENGINE=InnoDB DEFAULT CHARSET=utf8; |
| 3.1 | 2018-06-08 |  | Cleo.W.Chan | 1.新增qp\_user\_sync表  2.qp\_user, 新增欄位  ad\_flag:varchar(1) default Y  password:varchar(250)  emp\_id:varchar(6)  source\_from:varchar(50) |
| 3.2 | 2018-06-12 |  | Cleo.W.Chan | * + - 1. 新增qp\_user\_resign表       2. qp\_user   新增欄位  reset\_pwd:char(1) default N  修改  ad\_flag:char(1) default Y  emp\_id:char(6)  [ALTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user` ADD `password` [VARCHAR](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [CHARACTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL [DEFAULT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL AFTER `emp\_name`;  [ALTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user` ADD `emp\_id` [CHAR](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/string-types.html)(6) [CHARACTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL [DEFAULT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL AFTER `password`;  [ALTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user` ADD `ad\_flag` [CHAR](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/string-types.html)(1) [CHARACTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) 'Y' AFTER `register\_message`, ADD `reset\_pwd` [CHAR](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/string-types.html)(1) [CHARACTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) 'N' AFTER `ad\_flag`, ADD`source\_from` [VARCHAR](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [CHARACTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL [DEFAULT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL AFTER `reset\_pwd`;  CREATE TABLE `qp\_user\_sync` (  `row\_id` int(10) NOT NULL,  `login\_name` varchar(50) DEFAULT NULL,  `emp\_no` varchar(50) NOT NULL,  `emp\_name` varchar(50) NOT NULL,  `emp\_name\_ch` varchar(50) DEFAULT NULL,  `emp\_id` char(6) DEFAULT NULL,  `mail\_account` varchar(50) DEFAULT NULL,  `ext\_no` varchar(50) DEFAULT NULL,  `domain` varchar(50) DEFAULT NULL,  `site\_code` varchar(10) NOT NULL,  `company` varchar(600) DEFAULT NULL,  `dept\_code` varchar(36) NOT NULL,  `active` varchar(1) NOT NULL,  `dimission\_date` datetime DEFAULT '0000-00-00 00:00:00',  `ad\_flag` char(1) NOT NULL DEFAULT 'Y',  `source\_from` varchar(50) DEFAULT NULL,  PRIMARY KEY (`row\_id`)  ) ENGINE=InnoDB DEFAULT CHARSET=utf8  [ALTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user\_sync` ADD KEY `emp\_no` (`emp\_no`)  [CREATE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/create-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/create-table.html) `qp\_user\_resign` ( `row\_id` [int](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL, `emp\_no` [varchar](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL, `active` [varchar](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/string-types.html)(1) [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL, `dimission\_date` [datetime](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/date-and-time-types.html) [DEFAULT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) '0000-00-00 00:00:00', `source\_from` [varchar](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [DEFAULT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL, PRIMARY KEY (`row\_id`), KEY(`emp\_no`) ) ENGINE=InnoDB [DEFAULT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) CHARSET=utf8 |
| 3.3 | 2018-06-14 |  | Cleo.W.Chan | 1. 修正資料表  qp\_user\_sync .row\_id 設定auto\_increment  [ALTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user\_sync` CHANGE `row\_id` `row\_id` [INT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL AUTO\_INCREMENT  Qp\_user\_resign.row\_id設定auto\_increment  [ALTER](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user\_resign` CHANGE `row\_id` `row\_id` [INT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://localhost/phpmyadmin/url.php?url=http://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL AUTO\_INCREMENT; |
| 3.4 | 2018-06-19 |  | Darren.K.Ti | 1. 新增 QPay 相關 Table |
| 3.5 | 2018-06-25 |  | Darren.K.Ti | 1. 新增 Function Manage 相關 Table  2. Table 51. [ qp\_function ]  3. Table 52. [ qp\_role\_function ]  4. Table 53. [ qp\_user\_function ]  CREATE TABLE `qplay`.`qp\_function` ( `row\_id` INT(5) NOT NULL AUTO\_INCREMENT , `owner\_app\_row\_id` INT(10) NOT NULL , `app\_row\_id` INT(10) NULL , `type` CHAR(3) NOT NULL , `name` VARCHAR(50) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL , `variable\_name` VARCHAR(50) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL , `description` TEXT NULL , `company\_label` VARCHAR(500) CHARACTER SET utf8 COLLATE utf8\_general\_ci NULL , `qaccount\_use` CHAR(1) CHARACTER SET utf8 COLLATE utf8\_general\_ci NULL DEFAULT 'N' , `qaccount\_right\_level` CHAR(1) CHARACTER SET utf8 COLLATE utf8\_general\_ci NULL DEFAULT '1' , `status` CHAR(1) NULL DEFAULT 'Y' , `created\_user` INT(10) NOT NULL , `updated\_user` INT(10) NULL , `created\_at` TIMESTAMP NOT NULL DEFAULT '1970-01-01 23:23:59' , `updated\_at` TIMESTAMP NOT NULL DEFAULT '1970-01-01 23:23:59' , PRIMARY KEY (`row\_id`)) ENGINE = InnoDB CHARSET=utf8 COLLATE utf8\_general\_ci;  CREATE TABLE `qplay`.`qp\_role\_function` ( `row\_id` INT(10) NOT NULL AUTO\_INCREMENT , `role\_row\_id` INT(10) NOT NULL , `function\_row\_id` INT(5) NOT NULL , `status` CHAR(1) NULL DEFAULT 'Y' , `created\_user` INT(10) NOT NULL , `updated\_user` INT(10) NULL , `created\_at` TIMESTAMP NOT NULL DEFAULT '1970-01-01 23:23:59' , `updated\_at` TIMESTAMP NOT NULL DEFAULT '1970-01-01 23:23:59' , PRIMARY KEY (`row\_id`), INDEX `role\_function\_index` (`role\_row\_id`(10))) ENGINE = InnoDB CHARSET=utf8 COLLATE utf8\_general\_ci;  CREATE TABLE `qplay`.`qp\_user\_function` ( `row\_id` INT(10) NOT NULL AUTO\_INCREMENT , `user\_row\_id` INT(10) NOT NULL , `function\_row\_id` INT(5) NOT NULL , `status` CHAR(1) NULL DEFAULT 'Y' , `created\_user` INT(10) NOT NULL , `updated\_user` INT(10) NULL , `created\_at` TIMESTAMP NOT NULL DEFAULT '1970-01-01 23:23:59' , `updated\_at` TIMESTAMP NOT NULL DEFAULT '1970-01-01 23:23:59' , PRIMARY KEY (`row\_id`), INDEX `user\_function\_index` (`user\_row\_id`(10))) ENGINE = InnoDB CHARSET=utf8 COLLATE utf8\_general\_ci; |
| 3.6 | 2018-07-03 |  | Cleo.W.Chan | [ qp\_user\_resign ] - deprecated  [ qp\_user\_flower ] – deprecated  改使用qp\_user\_sync表作為同步的temp表 |
| 3.7 | 2018-07-16 |  | Darren.K.Ti | 1. Table 51. [ qp\_function ] 新增欄位   * company\_label * qaccount\_right\_level * status |
| 3.8 | 2018-07-20 |  | Darren.K.Ti | 1. 新增 QPay 相關 Table  2. Table 44. [ qpay\_manager ]  3. Table 45. [ qpay\_shop ]  4. Table 46. [ qpay\_point\_type ]  5. Table 47. [ qpay\_point\_store ]  6. Table 48. [ qpay\_member ]  7. Table 49. [ qpay\_member\_point ]  8. Table 50. [ qpay\_point\_trade\_log ]  CREATE TABLE `qplay`.`qpay\_manager` ( `row\_id` INT(5) NOT NULL AUTO\_INCREMENT , `user\_row\_id` INT(10) NOT NULL , `status` CHAR(1) NULL DEFAULT 'Y' , `created\_user` INT(10) NOT NULL , `updated\_user` INT(10) NULL , `created\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , `updated\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , `deleted\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , PRIMARY KEY (`row\_id`)) ENGINE = InnoDB CHARSET=utf8 COLLATE utf8\_general\_ci;  CREATE TABLE `qplay`.`qpay\_shop` ( `row\_id` INT(5) NOT NULL AUTO\_INCREMENT , `user\_row\_id` INT(10) NOT NULL , `address` VARCHAR(50) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL , `trade\_status` CHAR(1) NULL DEFAULT 'Y' , `created\_user` INT(10) NOT NULL , `updated\_user` INT(10) NULL , `created\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , `updated\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , `deleted\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , PRIMARY KEY (`row\_id`)) ENGINE = InnoDB CHARSET=utf8 COLLATE utf8\_general\_ci;  CREATE TABLE `qplay`.`qpay\_point\_type` ( `row\_id` INT(5) NOT NULL AUTO\_INCREMENT , `name` VARCHAR(20) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL , `color` VARCHAR(10) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL , `status` CHAR(1) NULL DEFAULT 'Y' , `created\_user` INT(10) NOT NULL , `updated\_user` INT(10) NULL , `created\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , `updated\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , `deleted\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , PRIMARY KEY (`row\_id`)) ENGINE = InnoDB CHARSET=utf8 COLLATE utf8\_general\_ci;  CREATE TABLE `qplay`.`qpay\_point\_store` ( `row\_id` INT(10) NOT NULL AUTO\_INCREMENT , `point\_type\_row\_id` INT(5) NOT NULL , `file\_original` VARCHAR(20) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL , `file\_saved` VARCHAR(20) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL , `member\_count` INT(5) NOT NULL , `stored\_total` INT(10) NOT NULL , `created\_user` INT(10) NOT NULL , `created\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , PRIMARY KEY (`row\_id`)) ENGINE = InnoDB CHARSET=utf8 COLLATE utf8\_general\_ci;  CREATE TABLE `qplay`.`qpay\_member` ( `row\_id` INT(10) NOT NULL AUTO\_INCREMENT , `user\_row\_id` INT(10) NOT NULL , `trade\_password` CHAR(60) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL , `reset\_pwd\_user` INT(10) NULL , `reset\_pwd\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , `created\_user` INT(10) NOT NULL , `updated\_user` INT(10) NULL , `created\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , `updated\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , PRIMARY KEY (`row\_id`)) ENGINE = InnoDB CHARSET=utf8 COLLATE utf8\_general\_ci;  ALTER TABLE `qplay`.`qpay\_member` ADD INDEX `qpay\_member.user\_row\_id` (`user\_row\_id`);  CREATE TABLE `qplay`.`qpay\_member\_point` ( `row\_id` INT(10) NOT NULL AUTO\_INCREMENT , `member\_row\_id` INT(10) NOT NULL , `point\_store\_row\_id` INT(5) NOT NULL , `stored\_total` INT(5) NOT NULL , `stored\_now` INT(5) NULL DEFAULT '0' , `stored\_used` INT(5) NULL DEFAULT '0' , `created\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , PRIMARY KEY (`row\_id`)) ENGINE = InnoDB CHARSET=utf8 COLLATE utf8\_general\_ci;  ALTER TABLE `qplay`.`qpay\_member\_point` ADD INDEX `qpay\_member\_point.member\_row\_id.created\_at` (`member\_row\_id`, `created\_at`);  ALTER TABLE `qplay`.`qpay\_member\_point` ADD UNIQUE `qpay\_member\_point.member\_row\_id.point\_store\_row\_id` (`member\_row\_id`, `point\_store\_row\_id`);  CREATE TABLE `qplay`.`qpay\_point\_trade\_log` ( `row\_id` INT(10) NOT NULL AUTO\_INCREMENT , `member\_row\_id` INT(10) NOT NULL , `member\_point\_row\_id` INT(10) NOT NULL , `shop\_row\_id` INT(5) NOT NULL , `multiple\_pay` CHAR(1) NOT NULL , `multiple\_row\_id` INT(10) NULL , `multiple\_point` INT(5) NULL , `trade\_point` INT(5) NOT NULL , `old\_point\_now` INT(5) NOT NULL , `old\_point\_used` INT(5) NOT NULL , `new\_point\_now` INT(5) NOT NULL , `new\_point\_used` INT(5) NOT NULL , `success` CHAR(1) NOT NULL , `error\_code` CHAR(6) NULL , `created\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , PRIMARY KEY (`row\_id`)) ENGINE = InnoDB CHARSET=utf8 COLLATE utf8\_general\_ci;  ALTER TABLE `qplay`.`qpay\_point\_trade\_log` ADD INDEX `qpay\_point\_trade\_log.member\_row\_id.created\_at` (`member\_row\_id`, `created\_at`);  ALTER TABLE `qplay`.`qpay\_point\_trade\_log` ADD INDEX `qpay\_point\_trade\_log.shop\_row\_id.created\_at` (`shop\_row\_id`, `created\_at`); |
| 3.9 | 2018-07-31 |  | Darren.K.Ti | 1. 新增 / 修改 Batch Push 相關 Table  2. 新增 Table 54. [ qp\_message\_batch ]  3. 修改 Table 19. [ qp\_message ]   1. 新增欄位 `batch\_row\_id`   4. 修改 Table 33. [ qp\_message\_send ]   1. 新增欄位 `reserve\_at` 2. 新增欄位 `shedule\_id`   CREATE TABLE `qplay`.`qp\_message\_batch` ( `row\_id` INT(10) NOT NULL AUTO\_INCREMENT , `file\_original` VARCHAR(50) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL , `file\_saved` VARCHAR(50) CHARACTER SET utf8 COLLATE utf8\_general\_ci NOT NULL , `created\_user` INT(10) NOT NULL , `created\_at` TIMESTAMP NOT NULL DEFAULT '1970-01-01 23:23:59' , PRIMARY KEY (`row\_id`)) ENGINE = InnoDB CHARSET=utf8 COLLATE utf8\_general\_ci;  [ALTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_message` ADD `batch\_row\_id` [INT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(5) NULL AFTER`template\_id`;  [ALTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_message\_send` ADD `reserve\_at` [TIMESTAMP](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/date-and-time-types.html) NULL AFTER`jpush\_error\_code`, ADD `schedule\_id` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(100) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html)utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL AFTER `reserve\_at`; |
| 3.10 | 2018-08-17 |  | Darren.K.Ti | 1. 更新 Function Manage 相關 Table  2. Table 52. [ qp\_role\_function ] - 移除欄位 status  3. Table 53. [ qp\_user\_function ] - 移除欄位 status  [ALTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_role\_function` DROP `status`;  [ALTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user\_function` DROP `status`; |
| 3.11 | 2018-08-23 |  | Darren.K.Ti | 1. 更新 Table 1. [qp\_user] - 欄位 password 長度變動  [ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user` CHANGE `password` `password` [VARCHAR](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(60)[CHARACTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL [DEFAULT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL; |
| 3.12 | 2018-08-24 |  | Darren.K.Ti | 1. 更新 Table 7. [qp\_session] - 新增欄位 ad\_flag, 位於欄位 uuid 之後  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_session` ADD `ad\_flag` [CHAR](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(1) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL AFTER `uuid`; |
| 3.13 | 2018-09-11 |  | Darren.K.Ti | 1. 新增 Table 55. [ qpay\_trade\_token ]  [CREATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/create-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/create-table.html) `qplay`.`qpay\_trade\_token` ( `row\_id` [INT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL AUTO\_INCREMENT , `uuid` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(250) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `trade\_token` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(500) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `trade\_token\_valid` [INT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , PRIMARY KEY (`row\_id`)) ENGINE = InnoDB; |
| 3.14 | 2018-09-11 |  | Darren.K.Ti | 1. 新增 Table 56. [ qp\_password\_log ]  [CREATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/create-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/create-table.html) `qplay`.`qp\_password\_log` ( `row\_id` [INT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL AUTO\_INCREMENT , `user\_row\_id` [INT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `type`[VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(20) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL ,`action` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(20) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `created\_user` [INT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `created\_at` [TIMESTAMP](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/date-and-time-types.html) NULL [DEFAULT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) '1970-01-01 23:23:59' , PRIMARY KEY (`row\_id`)) ENGINE= InnoDB CHARSET=utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci;  2. 更新 Table 1. [ qp\_user ] 欄位名稱  [ALTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user` CHANGE `reset\_pwd` `change\_pwd` [CHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(1) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) 'N'; |
| 3.15 | 2018-10-26 |  | Darren.K.Ti | 1. 調整 Table 48. [ qpay\_member ] 欄位  ALTER TABLE `qpay\_member`  DROP `reset\_pwd\_user`,  DROP `reset\_pwd\_at`;  2. 調整 Table 49. [ qpay\_member\_point ] 欄位  [ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qpay\_member\_point` ADD `update\_at` [TIMESTAMP](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/date-and-time-types.html) [NOT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) '1970-01-01 23:23:59' AFTER `created\_at`;  [ALTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qpay\_member\_point` CHANGE `update\_at` `updated\_at`[TIMESTAMP](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/date-and-time-types.html) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) '1970-01-01 23:23:59';  3. 調整 Table 47. [ qpay\_point\_store ]  [ALTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qpay\_point\_store` CHANGE `file\_original` `file\_original` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL  4. 調整 Table 50. [ qpay\_point\_trade\_log ] 更名為 [ qpay\_trade\_log ]  [DROP](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/drop-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/drop-table.html) `qplay`.`qpay\_point\_trade\_log`  CREATE TABLE `qplay`.`qpay\_trade\_log` ( `row\_id` INT(10) NOT NULL AUTO\_INCREMENT , `member\_row\_id` INT(10) NOT NULL , `member\_point\_row\_id` INT(10) NOT NULL , `shop\_row\_id` INT(5) NOT NULL , `multiple\_pay` CHAR(1) NOT NULL , `multiple\_row\_id` INT(10) NULL , `multiple\_point` INT(5) NULL , `trade\_point` INT(5) NOT NULL , `old\_point\_now` INT(5) NOT NULL , `old\_point\_used` INT(5) NOT NULL , `new\_point\_now` INT(5) NOT NULL , `new\_point\_used` INT(5) NOT NULL , `success` CHAR(1) NOT NULL , `error\_code` CHAR(6) NULL , `created\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' , PRIMARY KEY (`row\_id`)) ENGINE = InnoDB CHARSET=utf8 COLLATE utf8\_general\_ci;  ALTER TABLE `qplay`.`qpay\_trade\_log` ADD INDEX `qpay\_trade\_log.member\_row\_id.created\_at` (`member\_row\_id`, `created\_at`);  ALTER TABLE `qplay`.`qpay\_trade\_log` ADD INDEX `qpay\_trade\_log.shop\_row\_id.created\_at` (`shop\_row\_id`, `created\_at`); |
| 3.16 | 2018-11-15 |  | Darren.K.Ti | 1. 調整 Table 48. [ qpay\_member ] 欄位  ALTER TABLE `qpay\_member`  DROP `updated\_user`,  DROP `updated\_at`;  2. 調整 Table 45. [ qpay\_shop ] 欄位  [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qpay\_shop` CHANGE `address` `address` [VARCHAR](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL; |
| 3.17 | 2018-12-06 |  | Darren.K.Ti | 1. 新增 Table 57. [ status\_id ]  [CREATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/create-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/create-table.html) `qplay`.`status\_id` ( `row\_id` [INT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not)  NULL AUTO\_INCREMENT , `status\_id` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50)  [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `type` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html)  utf8\_general\_ci [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `active` [CHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(1) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html)  [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL [DEFAULT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) 'Y' ,  PRIMARY KEY(`row\_id`), INDEX `status\_id` (`status\_id`), INDEX `type` (`type`)) ENGINE = InnoDB CHARSET = utf8  [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci;  2. 新增 Table 58. [ status\_life\_crontab ]  [CREATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/create-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/create-table.html) `qplay`.`status\_life\_crontab` ( `row\_id`  [INT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL AUTO\_INCREMENT , `status\_id\_row\_id`  [INT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL ,`status` [INT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(2) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `active`  [CHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(1) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL  [DEFAULT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) 'Y' , `life\_type` [INT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(2) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `life\_start`  [TIMESTAMP](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/date-and-time-types.html) NULL , `life\_end` [TIMESTAMP](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/date-and-time-types.html) NULL  ,`crontab` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8  [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL, PRIMARY KEY  (`row\_id`), INDEX `status\_id\_row\_id` (`status\_id\_row\_id`))  ENGINE = InnoDB CHARSET = utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci;  3. 新增 Table 59. [ status\_log ]  [CREATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/create-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/create-table.html) `qplay`.`status\_log` ( `row\_id` [INT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not)  NULL AUTO\_INCREMENT , `table\_name` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `table\_row\_id` [INT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/numeric-types.html)(10) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL ,`login\_id` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html)  utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `domain`  [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci  [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `emp\_no` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `action` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(10) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci [NOT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL , `content` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(500) [CHARACTER SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL , `created\_at` [TIMESTAMP](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/date-and-time-types.html)  NOT NULL [DEFAULT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) '1970-01-01 23:23:59' , PRIMARY KEY  (`row\_id`), INDEX `table` (`table\_name`, `table\_row\_id`), INDEX `login\_id` (`login\_id`)) ENGINE = InnoDB CHARSET = utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci; |
| 3.18 | 2018-12-14 |  | Darren.K.Ti | 1. 調整 Table 1. [ qp\_user ] 欄位  [ALTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user` ADD `ad\_flag` [CHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(1) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL [DEFAULT](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) 'Y' AFTER `resign`; |
| 3.19 | 2018-12-18 |  | Darren.K.Ti | 1. 調整 Table 1. [ qp\_user ] 欄位  [ALTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_user` ADD `password\_original` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(60) [CHARACTER SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL AFTER `password`, ADD `trade\_pwd\_original` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(60) [CHARACTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL AFTER `password\_original`;  ALTER TABLE `qp\_user` DROP `emp\_id`; |
| 3.20 | 2018-12-26 |  | Darren.K.Ti | 1. 調整 Table 45. [ qpay\_shop ] 欄位  [ALTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qpay\_shop` ADD `trade\_password` [CHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(60) [CHARACTER SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL AFTER `user\_row\_id`; |
| 3.21 | 2019-01-02 |  | Darren.K.Ti | 1. 調整 Table 50. [ qpay\_trade\_log ] 欄位  ALTER TABLE `qpay\_trade\_log` ADD `updated\_at` TIMESTAMP NULL DEFAULT '1970-01-01 23:23:59' AFTER `created\_at`, ADD `cancel` CHAR(1) CHARACTER SET utf8 COLLATE utf8\_general\_ci NULL DEFAULT 'N' AFTER `updated\_at`, ADD `cancel\_pay` CHAR(1) CHARACTER SET utf8 COLLATE utf8\_general\_ci NULL DEFAULT 'N' AFTER `cancel`, ADD `cancel\_row\_id` INT(10) NULL AFTER `cancel\_pay`, ADD `cancel\_reason` VARCHAR(50) CHARACTER SET utf8 COLLATE utf8\_general\_ci NULL AFTER `cancel\_row\_id`; |
| 3.22 | 2019-01-08 |  | Darren.K.Ti | 1. 調整 Table 58. [ status\_life\_crontab] 欄位  [ALTER](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `status\_life\_crontab` ADD `note` [VARCHAR](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(50) [CHARACTER SET](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8 [COLLATE](http://phpmyadmin.test/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8\_general\_ci NULL AFTER `active`; |

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[**[ qp\_user\_function ]**](#_2r0uhxc) **63**

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## ER-Diagram

請連線: <https://cacoo.com/diagrams/NXSmunENQ4Ay4cRb/edit>

## 說在前頭

## 0.1日期格式

本系統在MySQL DB中採用的時間格式為**TIMESTAMP**, 不使用DATETIME格式

且MySQL的database時區設定為**UTC**, 也就是SET time\_zone = '+00:00';

說明如下:

MySQL 內可以儲存「日期與時間」的資料型態是 DATETIME 與 TIMESTAMP 兩種，不過 DATETIME 沒有時區觀念，而 TIMESTAMP 只能是 UTC (GMT+0)。

**DATEIME vs TIMESTAMP**

|  |  |  |  |
| --- | --- | --- | --- |
| **名稱** | **長度** | **合理值** | **是否受time\_zone設置影響** |
| DATETIME | 8 Byte | 1000-01-01 00:00:00 ~ 9999-12-31 23:59:59 | 否 |
| TIMESTAMP | 4 Byte | 1970-01-01 00:00:00 ~ 2038-01-19 03:14:07 | 是 |

 DATETIME 是“常量”，保存時就是當時的值, 查詢時也是相同的值, 不會改變

而 TIMESTAMP 則是“變量”，保存時數據庫將其從time\_zone時區轉換為 UTC 時間後保存，查詢時再將其從 UTC 時間轉換為time\_zone時區時間後返回。

因此, 本系統一律採用TIMESTAMP。

## 0.2前端顯示

Database保存為timestamp格式:1970-01-01 00:00:00

但前端畫面顯示, 建議全部顯示為ISO標準第三版**ISO8601:2004**

1970-01-01T00:00:00+00:00 轉到台北時區顯示為 1970-01-01T08:00:00+08:00

## 0.3 row\_id欄位

所有table的PK值都是row\_id欄位, 是一個自動增長欄位, 從1開始增長

## [ qp\_user ]

說明 : 儲存所有 QPlay User 資料，來源為 (FlowER / eHR / Partner)，包含離職在職狀態，其他資料表的 User ID，使用此 row\_id 作為關聯。

* **PK:**
  + **row\_id**
* **UK:** 
  + **login\_id**
  + **emp\_no**
  + **email**
* **INDEX:**
  + **status**
  + **emp\_no**
  + **user\_domain**
  + **login\_id**
  + **company, status, resign**
  + **row\_id, status, resign**
  + **site\_code**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| login\_id | varchar(50) | 否 |  | steven.yan | AD登入帳號  不含domain |
| emp\_no | varchar(50) | 否 |  | 1501001 | 員工工號 |
| emp\_name | nvarchar(50) | 否 |  | 顏大風 | 員工姓名  ex:中文姓名 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| password | varchar(60) | 是 | NULL | XADFERWEFFSDF== | 加密處理後的 QAccount 密碼  為空就表示從來沒有設定過密碼  使用者異動的密碼, 儲存在此欄位 |
| password\_original | varchar(60) | 是 | NULL | XADFERWEFFSDF== | 加密處理後的 QAccount 密碼  為空就表示從來沒有設定過密碼  此欄位不異動, 儲存原始密碼 |
| trade\_pwd\_original | varchar(60) | 是 | NULL | XADFERWEFFSDF== | 加密處理後的交易密碼  為空就表示從來沒有設定過密碼  此欄位不異動, 儲存原始密碼 |
| ~~emp\_id~~ | ~~char(6)~~ | ~~是~~ | ~~NULL~~ | ~~599668~~ | ~~員工身分證後六碼~~ |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| email | nvarchar(50) | 否 |  | steven.yan@benq.com | 員工email |
| ext\_no | varchar(50) | 是 |  | 7758 | 員工分機號碼 |
| user\_domain | nvarchar(50) | 否 |  | benq | 員工所屬domain |
| site\_code | varchar(50) | 是 |  | QTY | 員工所屬地區  ex:QTT,QTY,BQC,BQP |
| company | nvarchar(50) | 否 |  | BenQ | 員工所屬公司 |
| department | nvarchar(50) | 是 | NULL | BI30 | 員工所屬部門 |
| status | varchar(50) | 否 | Y | Y | Y:正常  N:停權中 |
| resign | varchar(50) | 否 | N | N | Y:代表離職  N:代表在職 |
| register\_message | varchar(1) | 否 | N | Y | Y:已經註冊JMessage  N:尚未註冊JMessage |
| ad\_flag | char(1) | 否 | Y | Y | 是否有AD帳號權限  default=Y  如果是N, 代表不會有AD, 則認證直接走密碼模式 |
| change\_pwd | char(1) | 否 | N | N | 是否變更過 QAccount 密碼 |
| source\_from | varchar(50) | 是 | NULL | flower | 同步的資料來源，若有新的來源，請與PM確認  flower  qcsflower  ehr  partner:拍檔  store:從後台新增的消費券店家 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| deleted\_at | datetime | 是 | 0000-00-00 00:00:00 | 2016-06-01 23:59:59 | 刪除這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_group ]

* **PK:**
  + **row\_id**
* **UK:**
  + **group\_name**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| group\_name | varchar(50) | 否 |  | administrator | 系統群組名稱  ex:administrator  content manager  staff  …  etc |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_user\_group ]

* **PK:**
  + **row\_id**
* **FK:**
  + **user\_row\_id = qp\_user.row\_id**
  + **group\_row\_id = qp\_group.row\_id**
* **UK:**
  + **user\_row\_id + group\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  | 1 | qp\_user表的row\_id |
| group\_row\_id | int(10) | 否 |  | 1 | qp\_group表的row\_id |
| authority\_by\_group | varchar(1) | 否 | Y | Y | Y代表按照群組設置菜單權限  N代表不按群組設定菜單權限 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_menu ]

* **PK:**
  + **row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| menu\_name | varchar(50) | 否 |  | system maintenance | 系統選單名稱 |
| path | varchar(500) | 否 |  | /www/html/maintenance | 系統選單相對路徑  ex:/www/html/maintenance |
| parent\_id | int(10) | 否 | 0 | 1 | 父選單row\_id |
| sequence | int(10) | 否 | 0 | 1 | 選單排序 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_group\_menu ]

* **PK:**
  + **row\_id**
* **FK:**
  + **menu\_row\_id = qp\_menu.row\_id**
  + **group\_row\_id = qp\_group.row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| group\_row\_id | int(10) | 否 |  | 1 | qp\_group row id |
| menu\_row\_id | int(10) | 否 |  | 1 | qp\_menu row id |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_register ]

* **PK:**
  + **row\_id**
* **UK:**
  + **uuid**
* **FK:**
  + **user\_row\_id = qp\_user.row\_id**
* **INDEX:**
  + **uuid, status**
  + **user\_row\_id, uuid**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  | 1 | qp\_user row id |
| uuid | varchar(250) | 否 |  | 6974ac11 870e09fa 00e2238e 8cfafc7d 2052e342 182f5b57 fabca445 42b72e1b | 手持設備的uuid,唯一識別碼 |
| device\_type | varchar(50) | 否 |  | ios | ios  android |
| register\_date | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 設備認證的時間, 轉成yyyy-mm-dd hh:mm:ss |
| unregister\_date | timestamp | 是 | NULL | 2016-06-01 23:59:59 | 設備註銷認證的時間, 轉成yyyy-mm-dd hh:mm:ss |
| last\_message\_time | int(10) | 是 |  | 1464969599 | 上一次client端來詢問訊息的時間, 用來提供給client端message時的參考值, 每次client端詢問時, 都會送當前時間到server, 這時候就得把這個值存到此欄位 |
| status | varchar(50) | 否 | A | A | A:Active  I:Inactive |
| remember\_token | varchar(500) | 是 | NULL |  | 用來做email認證, 保留欄位 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_session ]

* **PK:**
  + **row\_id**
* **UK:**
  + **uuid**
* **FK:**
  + **user\_row\_id = qp\_user.row\_id**
* **INDEX:**
  + **uuid**
  + **user\_row\_id, uuid**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  | 1 | qp\_user row id |
| uuid | varchar(250) | 否 |  | 6974ac11 870e09fa 00e2238e 8cfafc7d 2052e342 182f5b57 fabca445 42b72e1b | 手持設備的uuid,唯一識別碼 |
| token | varchar(500) | 否 |  |  | 由server配發的token, 用來識別是否已經登入qplay, 時效為48hour  一個設備同時只會有一個token有效, 不同app使用同一個token |
| token\_valid\_date | int(10) | 是 | 0 | 1464969599 | token有效時間, 格式為unix時間, ex:  2016年3月25日 下午 01:49:56 換算為1458884996 |
| ~~last\_message\_time~~ | ~~int(10)~~ | ~~是~~ |  | ~~1464969599~~ | ~~上一次client端來詢問訊息的時間, 用來提供給client端message時的參考值, 每次client端詢問時, 都會送當前時間到server, 這時候就得把這個值存到此欄位~~ |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_role ]

說明 : 目前現有的企業角色 company / department，各個 APP 和 QPlay Function 的使用權限，依照此作設定。

* **PK:**
  + **row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| company | nvarchar(50) | 否 |  | BenQ | 員工所屬公司 |
| role\_description | nvarchar(255) | 否 |  | ITS | 企業所屬角色定義:ex:Finance, ITS…etc |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_user\_role ]

說明 : 將 qp\_user 和 qp\_role 綁定，一個 user 可以對應多個 role。

* **PK:**
  + **row\_id**
* **UK:**
  + **user\_row\_id + role\_row\_id**
* **FK:**
  + **user\_row\_id = qp\_user.row\_id**
  + **role\_row\_id = qp\_role.row\_id**
* **INDEX:**
  + **user\_row\_id, role\_row\_id**
  + **role\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  | 1 | qp\_user row id |
| role\_row\_id | int(10) | 否 |  | 1 | qp\_role row id |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_app\_head ]

說明 : 先建立 qp\_project 之後，再建立 APP，一個 Project 只能綁定一個 APP，將 APP 基本資料 ( package name / category ) 紀錄於此。

* **PK:**
  + **row\_id**
* **UK:**
  + **package\_name**
* **FK:**
  + **app\_category\_row\_id = app\_category.row\_id**
  + **default\_lang\_row\_id = qp\_language.row\_id**
  + **project\_row\_id = qp\_project.row\_id**
* **INDEX:**
  + **project\_row\_id**
  + **security\_updated\_at**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| project\_row\_id | int(10) | 否 |  | 1 | 預設為1, 就是qplay對應的row\_id  每支app有其所屬的專案代碼, 由qplay管理者控管, 上架前必須透過標準流程註冊  這裡要填row\_id, 所以需要對應到qp\_project上的row\_id |
| package\_name | varchar(250) | 否 |  | qplay.benq.corp.com | app package name                com.qplay.[appKay]  且程式需檢查以下規則  [appkey] 必須檢查都是小寫 (目的android package name限制)  [appkey] 不能重複 (目的讓APP當成scheme)  [appkey] 一定要以app開頭, ex: apprrs (目的是讓QSecurity whitelist可以簡單過濾) |
| default\_lang\_row\_id | int(10) | 否 | 1 | 1 | qplay平台顯示的default語言 |
| app\_category\_row\_id | int(10) | 否 |  | 1 | app所屬分類 |
| icon\_url | varchar(250) | 否 |  | http://qplay.benq.com/images/icon/1.png | icon下載路徑 |
| security\_level | varchar(250) | 否 | 3 | 1 | 數字越少security越高  目前先定義三種  1:最高security, on\_resume時必須重新輸入密碼  2:次級security, 關閉app重新開啟時才需要重新輸入密碼  3:一般security, 只要token沒有過期都不需要重新輸入密碼 |
| sequence | int(10) | 否 | 0 | 1 | app在qplay前台畫面上的排序 |
| avg\_score | mediumint(8) | 是 |  | 4.05 | app的平均分數, 每次塞入評分時重新計算 |
| avg\_score\_ios | mediumint(8) | 是 |  | 4.05 | app的平均分數, 每次塞入評分時重新計算 |
| avg\_score\_android | mediumint(8) | 是 |  | 4.05 | app的平均分數, 每次塞入評分時重新計算 |
| security\_updated\_at | int(10) | 是 |  | 1464969599 | 最近一次更換security\_level的時間,格式為unix時間, ex:  2016年3月25日 下午 01:49:56 換算為1458884996 |
| company\_label | varchar(500) | 是 | ‘’ | BenQ;Qisda;AUO | 空白表示不是company層級, 若屬於company層級, 以BenQ;Qisda;AUO表達 (用;隔開) |
| error\_json\_file\_path | varchar(500) | 是 |  | error.json |  |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_user\_score ]

* **PK:**
  + **row\_id**
* **FK:**
  + **user\_row\_id = qp\_user.row\_id**
  + **app\_head\_row\_id = qp\_app\_head.row\_id**
* **UK:**
  + **user\_row\_id + app\_head\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  | 1 | qp\_user row id |
| app\_head\_row\_id | int(10) | 否 |  | 1 | qp\_app\_head row id |
| score | int(10) | 否 |  | 4 | 單次評分 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_role\_app ]

說明 : 將 qp\_role 和 qp\_role 綁定，一個 user 可以對應多個 role。

* **PK:**
  + **row\_id**
* **FK:**
  + **app\_row\_id = qp\_app\_head.row\_id**
  + **role\_row\_id = qp\_role.row\_id**
* **INDEX:**
  + **role\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| role\_row\_id | int(10) | 否 |  | 1 | qp\_role row id |
| app\_row\_id | int(10) | 否 |  | 1 | qp\_app\_head row id |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_user\_app ]

說明 : 設定某一個 User 可以使用哪一個 APP。

* **PK:**
  + **row\_id**
* **FK:**
  + **user\_row\_id = qp\_user.row\_id**
  + **app\_row\_id = qp\_app\_head.row\_id**
* **INDEX:**
  + **user\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** |  | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  | 1 | qp\_user row id |
| app\_row\_id | int(10) | 否 |  | 1 | qp\_app\_head row id |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_app\_line ]

說明 : 建立 qp\_app\_head 之後，將 APP 基本資料 ( name / summary ) 紀錄於此，不同語系的資料，獨立存在一筆資料。

* **PK:**
  + **row\_id**
* **UK:**
  + **app\_row\_id + lang\_row\_id**
* **FK:**
  + **app\_row\_id = qp\_app\_head.row\_id**
  + **lang\_row\_id = qp\_language.row\_id**
* **INDEX:**
  + **app\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| app\_row\_id | int(10) | 否 |  | 1 | qp\_app\_head row\_id |
| lang\_row\_id | int(10) | 否 |  | 1 | qp\_language row id |
| app\_name | nvarchar(250) | 否 |  | 通訊錄 | app名稱 |
| app\_summary | nvarchar(500) | 否 |  | 查看通訊資料 | app的摘要 |
| app\_description | text | 否 |  | 可以查看分機號碼及電子郵箱等資訊 | app的詳細資訊 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_app\_version ]

* **PK:**
  + **row\_id**
* **UK:**
  + **app\_row\_id + version\_code + url + status**
* **FK:**
  + **app\_row\_id = qp\_app\_head.row\_id**
* **INDEX:**
  + **status**
  + **app\_row\_id, version\_code**
  + **app\_row\_id, status, device\_type**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| app\_row\_id | int(10) | 否 |  | 1 | qp\_app\_head row id |
| version\_code | int(10) | 否 | 1 | 3 | app版本號, 一般來說是integer  ex:1,2,3,4,5… |
| version\_name | nvarchar(50) | 否 |  | 3.0.1.1 | app版本名稱, 可能是內部自行定義的版本, ex:1.0.1.1 |
| url | varchar(500) | 是 |  | https://xxxxx | app下載路徑 |
| size | int(11) | 否 | 0 | 1024000000 | 檔案大小  單位是Bytes |
| external\_app | varchar(1) | 否 | 0 | 1 | 1代表是外部app, 例如在google play或是itunes上  0代表檔案在公司SERVER上 |
| version\_log | text | 是 |  |  | 更版的log |
| ready\_date | int(10) | 是 |  | 1464969599 | 上架日期 |
| status | varchar(50) | 否 |  | ready | ready:已上架  approval:等待簽核  cancel:下架 |
| device\_type | varchar(50) | 是 |  | ios | android  ios |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| archived | varchar(1) | 否 | N | N | 表示歷史版本的檔案是否已被刪除(Y)，若被刪除則無法復原  基本上status=’ready’的都是Y |

## [ qp\_app\_pic ]

* **PK:**
  + **row\_id**
* **FK:**
  + **app\_row\_id = qp\_app\_head.row\_id**
  + **lang\_row\_id = qp\_language.row\_id**
* **INDEX:**
  + **app\_row\_id, lang\_row\_id, pic\_type**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| app\_row\_id | int(10) | 否 |  | 1 | qp\_app\_head row id |
| lang\_row\_id | int(10) | 否 |  | 1 | qp\_language row id |
| pic\_type | varchar(50) | 否 |  | ios\_screenshot | 圖片類別:  ios\_banner  ios\_screenshot  ipad\_screenshot  android\_bnner  android\_screenshot  android\_pad\_screenshot |
| sequence\_by\_type | int(10) | 否 | 0 | 1 | 圖片在每個類別的排序 |
| pic\_url | varchar(500) | 否 |  | https://xxxx | 圖片下載URL |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_app\_evalution ]

* **PK:**
  + **row\_id**
* **UK:**
  + **user\_row\_id + app\_row\_id**
* **FK:**
  + **app\_row\_id = qp\_app\_head.row\_id**
  + **user\_row\_id = qp\_user.row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  | 1 | qp\_user row id |
| app\_row\_id | int(10) | 否 |  | 1 | qp\_app\_head row id |
| version\_code | int(10) | 否 |  | 3 | 當時評分的APP版本號 |
| device\_type | varchar(50) | 否 |  | ios | ios  android |
| score | double(8,2) | 否 |  | 5 | user針對某一版本APP的評分 |
| comment\_user | MEDIUMTEXT | 是 | NULL | 此APP好用 | 用戶的評論 |
| comment\_admin | MEDIUMTEXT | 是 | NULL | 感謝支持 | admin答覆評論 |
| comment\_user\_time | int(10) | 是 | NULL | 1000000001 | 用戶撰寫評論送出,server收到的時間 |
| comment\_admin\_time | int(10) | 是 | NULL | 1000000001 | admin答覆評論送出,server收到的時間 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_language ]

* **PK:**
  + **row\_id**
* **UK:**
  + **lang\_code**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| lang\_code | nvarchar(5) | 否 |  | zh-tw | 語言代號:  en-us  zh-tw  zh-cn |
| lang\_desc | nvarchar(50) | 否 |  | 繁體中文 | 描述:  英文  繁體中文  簡體中文 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_message ]

* **PK:**
  + **row\_id**
* **FK:**
  + **batch\_row\_id = qp\_message\_batch.row\_id**
* **~~FK:~~**
  + **~~source\_user\_row\_id = qp\_user.row\_id~~**
* **INDEX:**
  + **visible**
  + **message\_type**

[ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_message` CHANGE `messge\_title` `message\_title` [VARCHAR](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html)(99) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci [NOT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_not) NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) ''; [ALTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_message` CHANGE `message\_text` `message\_text` [TEXT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) [CHARACTER](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| template\_id | int | 否 | 1 | 1 | 樣板編號,目前可能的數值為1~8其中一個 |
| batch\_row\_id | int(5) | 是 |  |  | 預約推播的 row\_id  當 qp\_message 為預約推播產生時, 才會有此資料 |
| message\_type | varchar(50) | 否 |  | news | 目前訊息有兩種  news  event |
| message\_title | varchar(99) | 否 |  | 請移除非法軟體 | 訊息標題  請注意:  由Client端送進來的message\_title欄位會透過base64 encode, 所以塞入到qp\_message.message\_title時要做base64 decode, 且decode完後的長度不能超過99 |
| message\_text | text | 是 |  | 請立刻移除非法軟體 | 文字格式的訊息 |
| message\_html | text | 是 |  | <html><header>請移除非法軟體</header><body>請立刻移除非法軟體</body></html> | 直接將訊息存成html格式 |
| message\_url | varchar(500) | 是 |  | http://xxxxxx | 訊息的URL, 可以連到網頁查看 |
| message\_source | varchar(50) | 否 | qplay | qplay | 尚未定義來源  預設是qplay |
| ~~source\_user\_row\_id~~ | ~~int(10)~~ | ~~否~~ |  | ~~1~~ | ~~qp\_user row id~~  ~~紀錄這筆推播是誰送出來的user id~~ |
| visible | varchar(1) | 是 | Y | Y | 訊息是否要顯示在手機上, 也就是getMessageList, getMEssageDetail時, 只回傳visible為Y的訊息:  Y:顯示  N:不顯示 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

**qp\_message, qp\_message\_send, qp\_user\_message, qp\_role\_message的關聯如下:**

* 當user進入訊息首頁時, 主要撈的是qp\_message裡面的資料點擊其中一則訊息時, 則會查找qp\_message\_send表裡面且qp\_message\_send.need\_push=Y的資料, 再去join qp\_user\_message或是qp\_role\_message的資料, 呈現在推播歷史訊息這個Datagrid中
* 當user選擇再次推播時, 就往qp\_message\_send, qp\_user\_message或是qp\_role\_message再塞一筆資料
* sendPushMessage這支API, 不管送出的參數 need\_push是Y或是N, 都會同時往qp\_message, qp\_message\_send, qp\_role\_message/qp\_user\_message裡頭塞資料
* qp\_user\_mesage, qp\_role\_message這兩張表用意是用來管控手機的用戶是否有權限可以查看此則消息

qp\_message\_send則是用來控制消息推播狀況

兩者在意義上是完全可以分割的

## [ qp\_user\_message]

* **PK:**
  + **row\_id**
* **FK:**
  + **user\_row\_id = qp\_user.row\_id**
  + **message\_send\_row\_id = qp\_message\_send.row\_id**
  + **project\_row\_id = qp\_project.row\_id**
* **INDEX:**
  + **project\_row\_id**
  + **uuid**
  + **message\_send\_row\_id**
  + **user\_row\_id, message\_send\_row\_id, uuid**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| project\_row\_id | int(10) | 否 | 1 | 1 | 預設為1, 就是qplay對應的row\_id  每支app有其所屬的專案代碼, 由qplay管理者控管, 上架前必須透過標準流程註冊  這裡要填row\_id, 所以需要對應到qp\_project上的row\_id |
| user\_row\_id | int(10) | 否 |  | 1 | qp\_user row id  紀錄推播給誰的目的id |
| message\_send\_row\_id | int(10) | 否 |  | 1 | qp\_message\_send row id |
| uuid | varchar(250) | 否 |  | 123456677890 | 手機的UUID |
| ~~need\_push~~ | ~~varchar(1)~~ | ~~否~~ |  | ~~1~~ | ~~是否需要push~~  ~~0:不需要~~  ~~1:需要~~ |
| ~~push\_flag~~ | ~~varchar(1)~~ | ~~是~~ |  | ~~1~~ | ~~是否已經push~~  ~~0:尚未push~~  ~~1:已push~~ |
| read\_time | int(10) | 是 |  | 1464969599 | 讀取訊息時間 |
| deleted\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 刪除這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_white\_list ]

* **PK:**
  + **row\_id**
* **FK:**
  + **app\_row\_id = qp\_app\_head.row\_id**
* **INDEX:**
  + **app\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| app\_row\_id | int(10) | 否 |  | 1 | qp\_app\_head row id |
| allow\_url | varchar(500) | 否 |  | http://google.com | 白名單內的URL |
| deleted\_at | timestamp | 是 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 刪除這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_parameter\_type ]

* **PK:**
  + **row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| parameter\_type\_name | varchar(50) | 否 |  | token\_period | 參數類別名稱 |
| parameter\_type\_desc | nvarchar(500) | 是 |  | token時效性 | 參數類別描述 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_parameter ]

* **PK:**
  + **row\_id**
* **FK:**
  + **parameter\_type\_row\_id = qp\_parameter\_type.row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| parameter\_type\_row\_id | int(10) | 否 |  | 1 | qp\_parameter\_type row id |
| parameter\_name | varchar(50) | 否 |  | token\_period | token時效性 |
| parameter\_value | varchar(500) | 否 |  | 48 | 參數的值 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_api\_log ]

* **PK:**
  + **row\_id**
* **FK:**
  + **app\_row\_id = qp\_app\_head.row\_id**

[ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_api\_log` CHANGE `request\_body` `request\_body` [MEDIUMTEXT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) [CHARACTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci NULL [DEFAULT](http://qplaydev.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL;

[ALTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) [TABLE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/alter-table.html) `qp\_api\_log` CHANGE `response\_body` `response\_body` [MEDIUMTEXT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) [CHARACTER](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) [SET](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset.html) utf8mb4 [COLLATE](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/charset-collations.html) utf8mb4\_general\_ci NULL [DEFAULT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/miscellaneous-functions.html#function_default) NULL;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  | 1 | qp\_user row\_id |
| app\_row\_id | int(10) | 否 |  | 1 | qp\_app\_head row\_id |
| api\_version | varchar(50) | 否 | v101 | v101 | api的版本號  ex:v101 |
| action | varchar(50) | 否 |  | login | api的名稱  ex:login, logout,register…etc |
| latitude | varchar(50) | 是 |  | 23.5 | client所在的緯度 |
| longitude | varchar(50) | 是 |  | 121.7 | client所在的經度 |
| ip | varchar(50) | 否 | 0.0.0.0 | 54.248.1.14 | ip address |
| country | nvarchar(50) | 是 |  | japan | 國家 |
| city | nvarchar(50) | 是 |  | tokyo | 城市 |
| url\_parameter | varchar(500) | 否 |  | uuid=xxxxxxx&message\_row\_id=xxxxxx | url的參數  ex:uuid=xxxxxxx&message\_row\_id=xxxxxx |
| request\_header | text | 否 |  | {"token" : "xxxxx", " content-type " : "application/xml"} | http request header的資訊,用json寫入  ex:  {"token" : "xxxxx", " content-type " : "application/xml"} |
| request\_body | [MEDIUMTEXT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) | 否 |  | {"token" : "xxxxx", " content-type " : "application/xml"} | http request body的資訊,用json寫入  ex:  {"token" : "xxxxx", " content-type " : "application/xml"} |
| response\_header | text | 是 |  | {"token" : "xxxxx", " content-type " : "application/xml"} | http response header的資訊,用json寫入  ex:  {"token" : "xxxxx", " content-type " : "application/xml"} |
| response\_body | [MEDIUMTEXT](http://qplaytest.benq.com/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-types.html) | 是 |  | {"token" : "xxxxx", " content-type " : "application/xml"} | http response body的資訊,用json寫入  ex:  {"token" : "xxxxx", " content-type " : "application/xml"} |
| signature\_time | int(10) | 否 | 0 |  | 送出API時的時間搓記 |
| operation\_time | float | 否 | 0.000 |  | 執行API的總時間 |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_app\_log ]

* **PK:**
  + **row\_id**
* **FK:**
  + **user\_row\_id = qp\_user.row\_id**
  + **app\_row\_id = qp\_app\_head.row\_id**
* **INDEX:**
  + **app\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  | 1 | qp\_user row\_id |
| app\_row\_id | int(10) | 否 |  | 1 | qp\_app\_head row\_id |
| uuid | varchar(250) | 否 |  |  | 手機uuid |
| page\_name | varchar(50) | 是 |  | login | 停留的頁面名稱 |
| page\_action | varchar(50) | 是 |  | login\_btn\_press | 頁面操作行為名稱 |
| start\_time | int(10) | 否 |  |  | 頁面或是button點擊的起始時間 |
| period | varchar(50) | 是 |  | 50 | 單位ms |
| device\_type | varchar(50) | 是 |  | ios | ios  android |
| latitude | varchar(50) | 是 |  | 23.5 | 緯度 |
| longitude | varchar(50) | 是 |  | 121.7 | 經度 |
| ip | varchar(50) | 否 | 0.0.0.0 | 54.248.1.15 | IP address |
| country | nvarchar(50) | 是 |  | Japan | 國家 |
| city | nvarchar(50) | 是 |  | Tokyo | 城市 |
| attribute1 | nvarchar(250) | 是 |  |  | 彈性欄位 |
| attribute2 | nvarchar(250) | 是 |  |  | 彈性欄位 |
| attribute3 | nvarchar(250) | 是 |  |  | 彈性欄位 |
| attribute4 | nvarchar(250) | 是 |  |  | 彈性欄位 |
| attribute5 | nvarchar(250) | 是 |  |  | 彈性欄位 |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_block\_list ]

* **PK:**
  + **row\_id**
* **FK:**
  + **project\_row\_id = qp\_project.row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| project\_row\_id | int(10) | 是 |  | 1 | 每支app有其所屬的專案代碼, 由qplay管理者控管, 上架前必須透過標準流程註冊  黑名單可以只by某個project卡, 為空值表示只卡IP |
| ip | varchar(50) | 是 | NULL | 54.248.1.15 | IP address |
| description | varchar(255) | 是 |  | 惡意攻擊的駭客 | 針對黑名單的描述 |
| deleted\_at | timestamp | 是 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 刪除這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_push\_token ]

* **PK:**
  + **row\_id**
* **FK:**
  + **register\_row\_id = qp\_register.row\_id**
  + **project\_row\_id = qp\_project.row\_id**
* **INDEX:**
  + **push\_token**
  + **register\_row\_id, project\_row\_id, device\_type**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| register\_row\_id | int(10) | 否 | qplay | 1 | qp\_register row id  透過此欄位可知道是哪一隻手持裝置 |
| project\_row\_id | int(10) | 否 |  | 1 | 每支app有其所屬的專案代碼, 由qplay管理者控管, 上架前必須透過標準流程註冊  透過此欄位可以找到某個專案底下所有人的token全推 |
| push\_token | varchar(250) | 否 |  | 6974ac11 870e09fa 00e2238e 8cfafc7d 2052e342 182f5b57 fabca445 42b72e1b | iOS為device\_token  android為register\_id |
| device\_type | varchar(50) | 否 |  | ios | ios  android |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_app\_category ]

* **PK:**
  + **row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| app\_category | nvarchar(255) | 否 |  | HR | app所屬分類, ex:企業資源管理, 員工福利…etc |
| sequence | int(10) | 否 | 0 | 1 | category的排序 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_menu\_language ]

* **PK:**
  + **row\_id**
* **FK:**
  + **menu\_row\_id = qp\_menu.row\_id**
  + **lang\_row\_id = qp\_language.row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| menu\_row\_id | int(10) | 否 |  | 1 | qp\_menu row id |
| lang\_row\_id | int(10) | 否 | 1 | 1 | qp\_language row id |
| menu\_name | varchar(50) | 否 |  | 系統維護 | 系統選單名稱, 按不同語系填入 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_project ]

說明 : APP 專案的資料，紀錄 APP Key 和 Secret Key。

* **PK:**
  + **row\_id**
* **UK:**
  + **project\_code, app\_key**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| project\_code | varchar(50) | 否 |  | 000 | 專案代號, 唯一值, 三碼的流水號  ex:000代表qplay |
| app\_key | varchar(50) | 否 |  | qplay | 專案名稱, 唯一值, 也就是**scheme**  ex:qplay, erp, phonebook…etc |
| secret\_key | varchar(50) | 否 |  |  | 專案的秘鑰  用來加密timestamp形成signature |
| project\_description | varchar(500) | 否 |  |  | 專案描述 |
| project\_memo | varchar(500) | 是 |  |  | 專案附註 |
| project\_pm | varchar(50) | 是 |  |  | 專案PM |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_error\_code ]

* **PK:**
  + **row\_id**
* **FK:**
  + **project\_row\_id = qp\_project.row\_id**
  + **lang\_row\_id = qp\_language.row\_id**
* **INDEX:**
  + **project\_row\_id, lang\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| project\_row\_id | int(10) | 否 |  | 1 | qp\_project row id |
| lang\_row\_id | varchar(50) | 否 |  | 1 | qp\_language row id |
| error\_code | varchar(50) | 否 |  | 000914 | error code  ex:000914 |
| error\_desc | varchar(500) | 否 |  | 帳號已被停權 | error code的多語言描述  web service回傳error\_code之後, 由qplay api gateway處理後回傳error\_desc, 依多語系回傳  ex:000914的繁體中文就該回傳  帳號已被停權 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

透過解析User上傳的error.json, 再塞入qp\_error\_code這張表

errorcode.json格式如下:

{

"error\_list": {

"appkey": "appyellowpage",

"code\_list": [

{

"error\_code": "001901",

"language\_list": [

{

"language": "en-us",

"error\_description": "No Results Found"

},

{

"language": "zh-tw",

"error\_description": "查無資料"

},

{

"language": "zh-cn",

"error\_description": "查无资料"

}

]

},

{

"error\_code": "1",

"language\_list": [

{

"language": "en-us",

"error\_description": "OK"

},

{

"language": "zh-tw",

"error\_description": "成功"

},

{

"language": "zh-cn",

"error\_description": "成功"

}

]

}

]

}

}

XML格式參考:

<?xml version="1.0" encoding="UTF-8" ?>

<error\_list>

<appkey>appyellowpage</appkey>

<code\_list>

<error\_code>001901</error\_code>

<language\_list>

<language>en-us</language>

<error\_description>No Results Found</error\_description>

</language\_list>

<language\_list>

<language>zh-tw</language>

<error\_description>查無資料</error\_description>

</language\_list>

<language\_list>

<language>zh-cn</language>

<error\_description>查无资料</error\_description>

</language\_list>

</code\_list>

<code\_list>

<error\_code>1</error\_code>

<language\_list>

<language>en-us</language>

<error\_description>OK</error\_description>

</language\_list>

<language\_list>

<language>zh-tw</language>

<error\_description>成功</error\_description>

</language\_list>

<language\_list>

<language>zh-cn</language>

<error\_description>成功</error\_description>

</language\_list>

</code\_list>

</error\_list>

## [ qp\_role\_message ]

* **PK:**
  + **row\_id**
* **FK:**
  + **user\_row\_id = qp\_user.row\_id**
  + **message\_send\_row\_id = qp\_message\_send.row\_id**
  + **project\_row\_id = qp\_project.row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| project\_row\_id | int(10) | 否 | 1 | 1 | 預設為1, 就是qplay對應的row\_id  每支app有其所屬的專案代碼, 由qplay管理者控管, 上架前必須透過標準流程註冊  這裡要填row\_id, 所以需要對應到qp\_project上的row\_id |
| role\_row\_id | int(10) | 否 |  | 1 | qp\_role row id  紀錄推播給誰的目的id |
| message\_send\_row\_id | int(10) | 否 |  | 1 | qp\_message\_send row id |
| ~~need\_push~~ | ~~varchar(1)~~ | ~~否~~ |  | ~~1~~ | ~~是否需要push~~  ~~0:不需要~~  ~~1:需要~~ |
| ~~push\_flag~~ | ~~varchar(1)~~ | ~~是~~ |  | ~~1~~ | ~~是否已經push~~  ~~0:尚未push~~  ~~1:已push~~ |
| read\_time | int(10) | 是 |  | 1464969599 | 讀取訊息時間 |
| deleted\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 刪除這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_message\_send ]

* **PK:**
  + **row\_id**
* **FK:**
  + **source\_user\_row\_id = qp\_user.row\_id**
  + **message\_row\_id = qp\_message.row\_id**
* **INDEX:**
  + **message\_row\_id**
  + **source\_user\_row\_id**
  + **company\_label**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| message\_row\_id | int(10) | 否 | 1 | 1 | qp\_message row id |
| source\_user\_row\_id | int(10) | 否 |  | 1 | 紀錄這筆推播是誰送出來的 |
| company\_label | varchar(250) | 是 | ‘’ | BenQ;Qisda;AUO | 空白表示不是company層級, 若屬於company層級, 以BenQ;Qisda;AUO表達 (用;隔開) |
| need\_push | varchar(1) | 否 | 0 | 1 | 是否需要push  0:不需要  1:需要 |
| push\_flag | varchar(1) | 是 |  | 1 | 是否已經push  0:尚未push  1:已push |
| jpush\_error\_code | varchar(500) | 是 |  | 1001 | Jpush回傳的error code |
| reserve\_at | timestamp | 是 |  |  | 預約推播的預約時間  當訊息為預約推播時, 才會有此資料 |
| schedule\_id | varchar(100) | 是 |  |  | JPush 回傳的 Unique Schedule ID  當訊息為預約推播時, 才會有此資料 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_user\_menu ]

* **PK:**
  + **row\_id**
* **FK:**
  + **menu\_row\_id = qp\_menu.row\_id**
  + **user\_row\_id =qp\_user.row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  | 1 | qp\_user row id |
| menu\_row\_id | int(10) | 否 |  | 1 | qp\_menu row id |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_app\_custom\_api ]

* **PK:**
  + **row\_id**
* **UK:**
  + **app\_row\_id + app\_key + api\_version+api\_action**
* **FK:**
  + **app\_row\_id = qp\_app\_head.row\_id**
* **INDEX:**
  + **app\_key, api\_version, api\_action**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| app\_row\_id | int(10) | 否 |  | 1 | qp\_app\_head row\_id |
| app\_key | varchar(50) | 否 |  | yellowpage | 專案名稱  也就是custom api對應的app-key  ex:yellowpage |
| api\_version | nvarchar(50) | 否 |  | v101 | api版本名稱, 可能是內部自行定義的版本, ex:v101 |
| api\_action | nvarchar(50) | 否 |  | QueryEmployeeData | api的method  ex: QueryEmployeeData |
| api\_url | nvarchar(500) | 否 |  | http://www.qisda.com.tw/YellowPage/YellowpageForQplayAPI.asmx/QueryEmployeeData | 實際上web service的對應路徑 |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_message\_send\_pushonly ]

* **PK:**
  + **row\_id**
* **FK:**
  + **source\_user\_row\_id = qp\_user.row\_id**
  + **message\_row\_id = qp\_message.row\_id**
* **INDEX:**
  + **message\_row\_id**
  + **source\_user\_row\_id**
  + **company\_label**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| message\_row\_id | int(10) | 否 | 1 | 1 | qp\_message row id |
| source\_user\_row\_id | int(10) | 否 |  | 1 | 紀錄這筆推播是誰送出來的 |
| company\_label | varchar(250) | 是 | ‘’ | BenQ;Qisda;AUO | 空白表示不是company層級, 若屬於company層級, 以BenQ;Qisda;AUO表達 (用;隔開) |
| need\_push | varchar(1) | 否 | 0 | 1 | 是否需要push  0:不需要  1:需要 |
| push\_flag | varchar(1) | 是 |  | 1 | 是否已經push  0:尚未push  1:已push |
| jpush\_error\_code | varchar(500) | 是 |  | 1001 | Jpush回傳的error code |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_user\_message\_pushonly ]

* **PK:**
  + **row\_id**
* **FK:**
  + **user\_row\_id = qp\_user.row\_id**
  + **message\_send\_pushonly\_row\_id = qp\_message\_send\_pushonly.row\_id**
  + **project\_row\_id = qp\_project.row\_id**
* **INDEX:**
  + **project\_row\_id**
  + **uuid**
  + **message\_send\_pushonly\_row\_id**
  + **user\_row\_id, message\_send\_pushonly\_row\_id, uuid**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| project\_row\_id | int(10) | 否 | 1 | 1 | 預設為1, 就是qplay對應的row\_id  每支app有其所屬的專案代碼, 由qplay管理者控管, 上架前必須透過標準流程註冊  這裡要填row\_id, 所以需要對應到qp\_project上的row\_id |
| user\_row\_id | int(10) | 否 |  | 1 | qp\_user row id  紀錄推播給誰的目的id |
| message\_send\_pushonly\_row\_id | int(10) | 否 |  | 1 | qp\_message\_send row id |
| uuid | varchar(250) | 否 |  | 123456677890 | 手機的UUID |
| ~~need\_push~~ | ~~varchar(1)~~ | ~~否~~ |  | ~~1~~ | ~~是否需要push~~  ~~0:不需要~~  ~~1:需要~~ |
| ~~push\_flag~~ | ~~varchar(1)~~ | ~~是~~ |  | ~~1~~ | ~~是否已經push~~  ~~0:尚未push~~  ~~1:已push~~ |
| read\_time | int(10) | 是 |  | 1464969599 | 讀取訊息時間 |
| deleted\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 刪除這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| created\_user | int(10) | 是 | NULL | 1 | 寫入這筆資料的user row id |
| updated\_user | int(10) | 是 | NULL | 1 | 最後更新這筆資料的user row id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 最後異動這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_user\_flower ] - deprecated

* **PK:**
  + **row\_id**
* **UK:**
  + **emp\_no**
* **INDEX:**
  + **emp\_no**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| login\_name | varchar(50) | 是 |  | steven.yan | AD登入帳號  不含domain |
| emp\_no | varchar(50) | 否 |  | 1501001 | 員工工號 |
| emp\_name | varchar(50) | 否 |  | 顏大風 | 員工姓名 |
| mail\_account | varchar(50) | 是 |  | steven.yan@benq.com | 員工email |
| ext\_no | varchar(50) | 是 |  | 7758 | 員工分機號碼 |
| domain | varchar(50) | 是 |  | benq | 員工所屬domain |
| site\_code | varchar(10) | 否 |  | QTY | 員工所屬區域 |
| company | varchar(600) | 是 |  | BenQ | 員工所屬公司 |
| dept\_code | varchar(36) | 否 |  | BI30 | 員工所屬部門 |
| active | varchar(1) | 否 | Y | Y | Y:正常  N:離職 |
| dimission\_date | datetime | 是 |  | 2016-06-10 00:00:00 | 離職時間 |
| ad\_flag | varchar(1) | 否 |  | Y | default=Y, 代表有AD帳號 |

## [ qp\_app\_download\_hit ]

* **PK:**
  + **row\_id**
* **FK:**
* **INDEX:**
  + **login\_id**
  + **package\_name**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| login\_id | varchar(50) | 否 |  | Steven.Yan | 使用手機的人AD帳號 |
| uuid | varchar(250) | 否 |  | 123456677890 | 手機的UUID |
| package\_name | varchar(250) | 否 |  | com.benq.appyellowpage | 想要下載的app的package name |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 | 2016-06-01 23:59:59 | 寫入這筆資料的時間, 轉成yyyy-mm-dd hh:mm:ss |

## [ qp\_company ]

說明 : 儲存所有可以登入 QPlay 的公司資料，透過 user\_domain 和 `qp\_user` 做關聯，設定此公司使用 LDAP or API 來進行驗證 AD，儲存 Server IP & Port。公司名稱會顯示在 Login Page 當作下拉選單的選項。

* **PK:**
  + **row\_id**
* **FK:**
  + **admin\_user = qp\_user.row\_id**
  + **user\_domain = qp\_user.user\_domain**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| admin\_row\_id | int(10) | 是 |  | 1 | 1. 可以管理資料的 User row\_id  2. 目前暫時不開放，只有 QPlay Admin 可以管理  3. 先儲存為空值 |
| user\_domain | varchar(20) | 否 |  | Qgroup / BenQ / Partner | 綁定 Table [ qp\_user ]，判定 User 屬於哪家公司 |
| name | varchar(20) | 否 |  | Qisda / BenQ / 拍檔 | 用以顯示在 UI |
| login\_type | varchar(10) | 否 |  | LDAP / API | 1. LDAP: Qisda / BenQ  2. API: 其他公司 |
| server\_ip | varchar(20) | 否 |  | 10.82.12.61 | LDAP / API 的連線 IP 位置 |
| server\_port | varchar(10) | 是 |  | 8080 | API Port |
| status | char(1) | 是 | Y | Y / N | Y: 正常  N: 停用 |
| created\_user | int(10) | 否 |  |  | 寫入這筆資料的 User row\_id |
| updated\_user | int(10) | 是 |  |  | 最後更新這筆資料的 User row\_id |
| created\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |
| updated\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 最後更新這筆資料的時間 |
| deleted\_at | timestamp | 是 | 0000-00-00 00:00:00 |  | 刪除這筆資料的時間 |

## [ qp\_company\_log ]

說明 : 公司資料有任何異動，在此做紀錄。

* **PK:**
  + **row\_id**
* **FK:**
  + **company\_row\_id = qp\_company.row\_id**
  + **user\_row\_id = qp\_user.row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| company\_row\_id | int(10) | 否 |  | 1 | 被更新的  qp\_company 的 row\_id |
| user\_row\_id | int(10) | 否 |  | 1 | 更新 qp\_company 資料的 User row\_id |
| change\_action | varchar(15) | 否 |  | domain / name / ip / admin / status | qp\_company 被更新的資料欄位 |
| old\_data | varchar(20) | 否 |  |  | 舊的原始資料 |
| new\_data | varchar(20) | 否 |  |  | 新的更新資料 |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 (Laravel 架構，一定要有此欄位) |

## [ qp\_user\_sync ]

說明 : 用來整合QPlay使用者的暫存表。每次執行同步job就會刪除重新寫入

* **PK:**
  + **row\_id**
* **UK:**
  + **emp\_no + source\_from**
* **FK:**
  + **emp\_no = qp\_user.emp\_no**
  + **source\_from = qp\_user.source\_from**
* **INDEX:**
  + **emp\_no**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | Int | 否 |  | 1 | unique id |
| login\_name | varchar(50) | 是 |  | steven.yan | AD登入帳號  不含domain |
| emp\_no | varchar(50) | 否 |  | 1501001 | 員工工號 |
| emp\_name | varchar(50) | 否 |  | Steven.Yan | 員工姓名 |
| emp\_name\_ch | varchar(50) | 是 |  | 顏大風 | 員工姓名 |
| emp\_id | char(6) |  |  |  |  |
| mail\_account | varchar(50) | 是 |  | [steven.yan@benq.com](mailto:steven.yan@benq.com) | 員工email |
| ext\_no | varchar(50) | 是 |  | 7758 | 員工分機號碼 |
| domain | varchar(50) | 是 |  | benq | 員工所屬domain |
| site\_code | varchar(10) | 否 |  | QTY | 員工所屬區域 |
| company | varchar(600) | 是 |  | BenQ | 員工所屬公司 |
| dept\_code | varchar(36) | 否 |  | BI30 | 員工所屬部門 |
| active | varchar(1) | 否 |  | Y | Y:正常  N:離職 |
| demission\_date | datetime | 是 |  | 2016-06-10 00:00:00 | 離職時間 |
| ad\_flag | char(1) | 否 | Y | Y | default=Y, 代表有AD帳號 |
| source\_from | Varchar(50) | 否 |  | flower | 帳號來源  flower  qcsflower  ehr  store:Qpay消費券店家  system:因系統需求新增人員 |

## [ qp\_user\_resign ] - deprecated

說明 : 用來整合QPlay使用者的暫存表，儲存每日離職用戶。每次執行同步job就會刪除重新寫入

* **PK:**
  + **row\_id**
* **UK:**
  + **emp\_no + source\_from**
* **FK:**
  + **emp\_no = qp\_user.emp\_no**
  + **source\_from = qp\_user.source\_from**
* **INDEX:**
  + **emp\_no**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | Int | 否 |  | 1 | unique id |
| emp\_no | varchar(50) | 否 |  | 1501001 | 員工工號 |
| active | char(1) | 否 |  | Y | Y:正常  N:離職 |
| demission\_date | datetime | 是 |  | 2016-06-10 00:00:00 | 離職時間 |
| source\_from | varchar(50) | 否 |  | flower | 帳號來源  flower  qcsflower  ehr  store:Qpay消費券店家  system:因系統需求新增人員 |

## [ qpay\_manager ]

說明 : 消費券 QPay 後台的管理員。

* **PK:**
  + **row\_id**
* **FK**
  + **user\_row\_id = qp\_user.row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(5) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  |  |  |
| status | char(1) | 是 | Y |  | Y : 正常  N : 停用 |
| created\_user | int(10) | 否 |  |  | 寫入這筆資料的 User row\_id |
| updated\_user | int(10) | 是 |  |  | 最後更新這筆資料的 User row\_id |
| created\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |
| updated\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 最後更新這筆資料的時間 |
| deleted\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 刪除這筆資料的時間 |

## [ qpay\_shop ]

說明 : 消費券的合作店家，每個店家也視為是一個 QPlay User，在 `qp\_user` 存有資料，使用 login\_id / password 登入 QPlay。

* **PK:**
  + **row\_id**
* **FK**
  + **user\_row\_id = qp\_user.row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(5) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  |  |  |
| trade\_password | char(60) | 是 |  |  | 交易密碼 |
| address | varchar(50) | 是 |  |  |  |
| trade\_status | char(1) | 是 | Y | Y / N | Y: 可進行交易  N: 不可進行交易 |
| created\_user | int(10) | 否 |  |  | 寫入這筆資料的 User row\_id |
| updated\_user | int(10) | 是 |  |  | 最後更新這筆資料的 User row\_id |
| created\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |
| updated\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 最後更新這筆資料的時間 |
| deleted\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 刪除這筆資料的時間 |

## [ qpay\_point\_type ]

說明 : 消費券的類型，目前共有五種類型，依照管理者所選類型，發放消費券點數給員工。

* **PK:**
  + **row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(5) | 否 |  | 1 | unique id |
| name | varchar(20) | 否 |  |  |  |
| color | varchar(10) | 否 |  |  | HTML Color Code |
| status | char(1) | 是 | Y |  | Y : 正常  N : 停用 |
| created\_user | int(10) | 否 |  |  | 寫入這筆資料的 User row\_id |
| updated\_user | int(10) | 是 |  |  | 最後更新這筆資料的 User row\_id |
| created\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |
| updated\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 最後更新這筆資料的時間 |
| deleted\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 刪除這筆資料的時間 |

## [ qpay\_point\_store ]

說明 : 管理者選擇消費券類型，匯入 Excel 資料，記錄這次發放消費券點數的總人數，以及點數總額，產生 Unique 儲值代碼，並且將匯入的 Excel 檔案在 Server 端備存。

* **PK:**
  + **row\_id**
* **FK:**
  + **user\_row\_id = qpay\_point\_type.row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  |  | unique id 同時也是儲值代碼 |
| point\_type\_row\_id | int(5) | 否 |  |  |  |
| file\_original | varchar(20) | 否 |  |  | 上傳 Excel 檔案的原始名稱 |
| file\_saved | varchar(20) | 否 |  |  | 上傳 Excel 檔案在 Server 儲存的名稱 |
| member\_count | int(5) | 否 |  |  | 發放消費券點數的總人數 |
| stored\_total | int(10) | 否 |  |  | 點數總額 |
| created\_user | int(10) | 否 |  |  | 寫入這筆資料的 User row\_id |
| created\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |

## [ qpay\_member ]

說明 : 可以使用消費券的員工，以及員工的交易密碼。

* **PK:**
  + **row\_id**
* **FK:**
  + **user\_row\_id = qp\_user.row\_id**
* **INDEX**
  + **user\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  |  | 領取消費券的員工的 User row\_id |
| trade\_password | char(60) | 否 |  |  | 交易密碼 |
| ~~reset\_pwd\_user~~ | ~~int(10)~~ | ~~是~~ |  |  | ~~reset password 的的 User row\_id~~ |
| ~~reset\_pwd\_at~~ | ~~timestamp~~ | ~~是~~ |  | ~~1970-01-01 00:00:00~~ |  |
| created\_user | int(10) | 否 |  |  | 寫入這筆資料的 User row\_id |
| ~~updated\_user~~ | ~~int(10)~~ | ~~是~~ |  |  | ~~最後更新這筆資料的 User row\_id~~ |
| created\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |
| ~~updated\_at~~ | ~~timestamp~~ | ~~是~~ | ~~1970-01-01 00:00:00~~ |  | ~~最後更新這筆資料的時間~~ |

## [ qpay\_member\_point ]

說明 : 員工擁有哪些消費券，以及員工擁有的單一消費券，其當初匯入的總額，目前剩餘，目前使用量。

* **PK:**
  + **row\_id**
* **FK**
  + **member\_row\_id = qpay\_member.row\_id**
  + **point\_store\_row\_id = qpay\_point\_store.row\_id**
* **INDEX**
  + **member\_row\_id + created\_at**
  + **member\_row\_id + point\_store\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| member\_row\_id | int(10) | 否 |  |  | QPay Member 的 row\_id |
| point\_store\_row\_id | int(5) | 否 |  |  | 這筆消費券點數跟哪一筆匯入的 Excel 有關聯 |
| stored\_total | int(5) | 否 |  |  | 匯入時的點數總額 |
| stored\_now | int(5) | 是 | 0 |  | 目前剩餘的點數總額 |
| stored\_used | int(5) | 是 | 0 |  | 目前使用的點數總額 |
| created\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |
| update\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 更新這筆資料的時間 |

## [ qpay\_trade\_log ]

說明 : 進行交易之後，在此紀錄交易內容，並且產生交易代碼。

* **PK:**
  + **row\_id**
* **FK**
  + **member\_row\_id = qpay\_member.row\_id**
  + **member\_point\_row\_id = qpay\_member\_point.row\_id**
  + **shop\_row\_id = qpay\_shop.row\_id**
* **INDEX**
  + **member\_row\_id + created\_at**
  + **shop\_row\_id + created\_at**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id 同時也是交易代碼 |
| member\_row\_id | int(10) | 否 |  |  | QPay Member 的 row\_id |
| member\_point\_row\_id | int(10) | 否 |  |  | Member Point 的 row\_id |
| shop\_row\_id | int(5) | 否 |  |  | 店家的 row\_id |
| multiple\_pay | char(1) | 否 |  | Y / N | 此交易是否扣除多筆消費券點數 |
| multiple\_row\_id | int(10) | 是 |  | qpay\_point\_trade\_log.row\_id | 跟哪一筆交易是屬於相同交易 |
| multiple\_point | int(5) | 是 |  |  | 這筆消費券中扣除多少點數 |
| trade\_point | int(5) | 否 |  |  | 此交易的點數總額 |
| old\_point\_now | int(5) | 否 |  |  | 這筆消費券在交易前的剩餘點數 |
| old\_point\_used | int(5) | 否 |  |  | 這筆消費券在交易前的已使用點數 |
| new\_point\_now | int(5) | 否 |  |  | 這筆消費券在交易後的剩餘點數 |
| new\_point\_used | int(5) | 否 |  |  | 這筆消費券在交易後的已使用點數 |
| success | char(1) | 否 |  | Y / N | 是否處理成功 |
| error\_code | char(6) | 是 |  |  | 交易失敗時的錯誤代碼 |
| created\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |
| cancel | char(1) | 是 | N |  | 此交易是否被取消 |
| cancel\_pay | char(1) | 是 | N |  | 是否為 [取消交易] |
| cancel\_row\_id | int(10) | 是 |  |  | 被取消的 [一般交易] 的 row\_id |
| cancel\_reason | varchar(50) | 是 |  |  | 取消交易的理由 |

## 

## [ qp\_function ]

說明 : 各個 APP 的頁面功能，可以依據 [企業角色] 或是 [使用者]，限制使用的權限。

Type 可以是 Function or Application，其中 Application 只使用在 APP QPlay。

* **PK:**
  + **row\_id**
* **FK:**
  + **owner\_app\_row\_id = qp\_app\_head.row\_id**
  + **app\_row\_id = qp\_app\_head.row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(5) | 否 |  | 1 | unique id |
| owner\_app\_row\_id | int(10) | 否 |  |  | qp\_app\_head 的 row\_id  此 Function / APP 屬於哪個 APP 底下 |
| app\_row\_id | int(10) | 是 |  |  | qp\_app\_head 的 row\_id  如果 Type = APP, 紀錄對應的 APP row\_id |
| type | char(3) | 否 |  | FUN / APP | FUN : Function APP : Application |
| name | varchar(50) | 否 |  | 更新登入密碼 | Function 名稱 |
| variable\_name | varchar(50) | 否 |  | reset\_qaccount\_pwd | Function 變數名稱 |
| description | text | 是 |  |  | Function 描述 |
| company\_label | varchar(500) | 是 | ‘’ | BenQ;Qisda;AUO | 空白表示不是company層級, 若屬於company層級, 以BenQ;Qisda;AUO表達 (用;隔開) |
| qaccount\_use | char(1) | 是 | N |  | QAccount 能否使用此 Function :  Y: 可以  N: 不行 |
| qccount\_right\_level | char(1) | 是 | 1 | 1 / 2 | QAccount 的權重  1 : Level 1 (最小)  2 : Level 2 (第二) |
| status | char(1) | 是 | Y |  | Y : 正常  N : 停用 |
| created\_user | int(10) | 否 |  |  | 寫入這筆資料的 User row\_id |
| updated\_user | int(10) | 是 |  |  | 最後更新這筆資料的 User row\_id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 |  | 最後更新這筆資料的時間 |

## 

## [ qp\_role\_function ]

說明 : 設定 [企業角色] 擁有哪些 Function 的使用權限。

* **PK:** 
  + **row\_id**
* **FK:**
  + **role\_row\_id = qp\_role.row\_id**
  + **function\_row\_id = qp\_function.row\_id**
* **INDEX:**
  + **role\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| role\_row\_id | int(10) | 否 |  |  | Role 的 row\_id |
| function\_row\_id | int(5) | 否 |  |  | Function 的 row\_id |
| ~~status~~ | ~~char(1)~~ | ~~是~~ | ~~Y~~ |  | ~~Y : 正常~~  ~~N : 停用~~ |
| created\_user | int(10) | 否 |  |  | 寫入這筆資料的 User row\_id |
| updated\_user | int(10) | 是 |  |  | 最後更新這筆資料的 User row\_id |
| created\_at | timestamp | 否 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |
| updated\_at | timestamp | 否 | 1970-01-01 00:00:00 |  | 最後更新這筆資料的時間 |

## 

## [ qp\_user\_function ]

說明 : 設定 [使用者] 擁有哪些 Function 的使用權限。

* **PK:**
  + **row\_id**
* **FK:**
  + **user\_row\_id = qp\_user.row\_id**
  + **function\_row\_id = qp\_function.row\_id**
* **INDEX:**
  + **user\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  |  | User 的 row\_id |
| funcion\_row\_id | int(5) | 否 |  |  | Function 的 row\_id |
| ~~status~~ | ~~char(1)~~ | ~~否~~ | ~~Y~~ |  | ~~Y : 正常~~  ~~N : 停用~~ |
| created\_user | int(10) | 否 |  |  | 寫入這筆資料的 User row\_id |
| updated\_user | int(10) | 是 |  |  | 最後更新這筆資料的 User row\_id |
| created\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |
| updated\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 最後更新這筆資料的時間 |

## 

## [ qp\_message\_batch ]

說明 : 新增預約推播的 Excel 檔案紀錄。

* **PK:**
  + **row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(5) | 否 |  | 1 | unique id |
| file\_original | varchar(50) | 否 |  |  | 上傳 Excel 檔案的原始名稱 |
| file\_saved | varchar(20) | 否 |  |  | 上傳 Excel 檔案在 Server 儲存的名稱 |
| created\_user | int(10) | 否 |  |  | 寫入這筆資料的 User row\_id |
| created\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |

## [ qpay\_trade\_token ]

說明 : 消費券進行交易處理之前，產生有時效性 (30秒) 的 Trade Token，真正進行交易處理的時候，檢查此 Token。

* **PK:**
  + **row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| uuid | varchar(250) | 否 |  | 6974ac11 870e09fa 00e2238e 8cfafc7d 2052e342 182f5b57 fabca445 42b72e1b | 手持設備的uuid,唯一識別碼 |
| trade\_token | varchar(500) | 否 |  |  | 由server配發的trade\_token, 時效為 30sec  一個設備同時只會有一個trade\_token有效 |
| trade\_token\_valid | int(10) | 是 | 0 | 1464969599 | token有效時間, 格式為unix時間, ex:  2016年3月25日 下午 01:49:56 換算為1458884996 |

## [ qp\_password\_log ]

說明 : 各種密碼 (QAccount Password / QPay Trade Password) 的更新和重置操作記錄。

* **PK:**
  + **row\_id**
* **FK:**
  + **user\_row\_id = `qp\_user`.row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| user\_row\_id | int(10) | 否 |  |  | qp\_user.row\_id |
| type | varchar(20) | 否 |  | qaccount / qpay | 密碼類型 |
| action | varchar(20) | 否 |  | change / reset | 更新 / 重置 |
| created\_user | int(10) | 否 |  |  | 寫入這筆資料的 User row\_id |
| created\_at | timestamp | 是 | 1970-01-01 00:00:00 |  | 寫入這筆資料的時間 |

**備註 :**

* 更新 : user\_row\_id = created\_user, 只有自己本人可以 [ 更新密碼 ]
* 重置 : user\_row\_id 不一定等於 created\_user, 會由管理員進行 [ 重置密碼 ]

## [ status\_id ]

說明 :

1. 各種功能的 Status ID。
2. 由 APP 端自行定義 Status ID / Type。

* **PK:**
  + **row\_id**
* **INDEX:**
  + **status\_id**
  + **type**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| status\_id | varchar(50) | 否 |  | staff\_BQT | Status ID |
| type | varchar(50) | 否 |  | staff | Status 的類型 |
| active | char(1) | 是 | Y | Y/N | 是否啟用 |

## [ status\_life\_crontab ]

說明 :

1. Status ID 的 status 和 life - crontab，每個 Status ID 最少要有一組 life - crontab。
   1. Life Type 和 Crontab，在 Server 端只單純儲存 APP 端填入的資料
   2. 實際的應用和資料解析，還是由 APP 端自行處理
2. 由 APP 端自行定義 Status 的代表意義。
3. Life Type 的定義 :
   1. [ 0 ] : Status ID 的 Life\_Crontab 沒有時間期限，只透過 active 設定是否為啟用
   2. [ 1 ] : Status ID 的 Life\_Crontab 有時間期限，並且搭配 active 設定，判定是否為啟用
      1. 時間期限之內 & active=Y : 此 Status ID 的 Life\_Crontab 啟用
      2. 時間期限之內 & active=N : 此 Status ID 的 Life\_Crontab 停用
      3. 時間期限之外 & active=Y : 此 Status ID 的 Life\_Crontab 停用
      4. 時間期限之外 & active=N : 此 Status ID 的 Life\_Crontab 停用
4. Crontab 的定義 :
   1. 比照 Linux Crontab Command，定義週期性的時效
   2. 參考網路文件
      1. http://linux.vbird.org/linux\_basic/0430cron.php
      2. https://opensource.com/article/17/11/how-use-cron-linux
   3. 舉例
      1. 範例 1
         1. 週一至週五，早上 8 點至下午 17 點，才能讓使用者查詢或使用
         2. \* 8-12 \* \* 12345
      2. 範例 2
         1. 不限時間，使用者可以隨時查詢或使用
         2. \* \* \* \* \*
      3. 範例 3
         1. 週一週三週五，早上 10 點至下午 16 點，才能讓使用者查詢或使用
         2. 週二週四，下午 13 點至下午 17 點，才能讓使用者查詢或使用
         3. 此狀況，需要同時儲存 2 筆資料來紀錄
            1. \* 10-16 \* \* 135
            2. \* 13-17 \* \* 24

* **PK:**
  + **row\_id**
* **FK:**
  + **status\_id\_row\_id**
* **INDEX:**
  + **status\_id\_row\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| status\_id\_row\_id | int(10) | 否 |  | 1 | Status ID 的 Row ID |
| status | int(2) | 否 |  | 1/2 | 此時段的 Status |
| active | char(1) | 是 | Y | Y/N | 是否啟用 |
| note | varchar(50) | 是 |  |  | 備註文字 |
| life\_type | int(2) | 否 |  | 0/1 | 生命週期的類別 |
| life\_start | timestamp | 是 |  |  | 只有 life\_type = 1 才會有此資料 |
| life\_end | timestamp | 是 |  |  | 只有 life\_type = 1 才會有此資料 |
| crontab | varchar(50) | 否 |  | \* 8-12 \* \* 123 | 週期性的時效 |

## [ status\_log ]

說明 :

1. Status ID 的操作記錄。
2. 考慮到之後 Status 可以會從 DB `qplay` 獨立出來，所以不是紀錄使用者的 `qp\_user`.row\_id，而是記錄使用者的 Login\_ID 和 Domain。

* **PK:**
  + **row\_id**
* **FK:**
  + **table\_row\_id**
* **INDEX:**
  + **table\_row\_id**
  + **login\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **欄位** | **型態** | **空值** | **預設值** | **範例** | **描述** |
| ***row\_id*** | int(10) | 否 |  | 1 | unique id |
| table\_name | varchar(50) | 否 |  | service\_id | 關聯的 Table Name |
| table\_row\_id | int(10) | 否 |  | 1 | 關聯的 Table row\_id |
| login\_id | varchar(50) | 否 |  | Darren.K.Ti | 使用者的 login\_id |
| domain | varchar(50) | 否 |  | BenQ | 使用者的 user\_domain |
| emp\_no | varchar(50) | 否 |  | 1501001 | 員工工號 |
| action | varchar(10) | 否 |  | add / update / delete | 執行的動作 |
| content | varchar(500) | 是 |  |  | 資料異動的紀錄 |
| created\_at | timestamp | 否 | 1970-01-01 23:23:59 |  | 寫入這筆資料的時間 |