

duty
id: INTEGER NOT NULL [PK]
user_id: INTEGER [FK]
auth_group_id: INTEGER [FK]
valid_after: TIMESTAMP
valid_before: TIMESTAMP
operate_by: VARCHAR(30)
operate_at: TIMESTAMP

app_user
id: INTEGER NOT NULL [PK]
account: VARCHAR(255) [AK]
employee_no: VARCHAR(255) [AK]
user_name: VARCHAR(30)
encrypt_passwd: VARCHAR(65)
encrypt_type: CHAR(1)
operate_by: VARCHAR(30)
operate_at: TIMESTAMP

para
id: INTEGER NOT NULL [PK]
para_catalogue: VARCHAR(60)
para_i18n: VARCHAR(120)
para_name: VARCHAR(60)
para_value: VARCHAR(60)
operate_by: VARCHAR(30)
operate_at: TIMESTAMP

auth_group
id: INTEGER NOT NULL [PK]
auth_group_name: VARCHAR(20)
auth_group_description: VARCHAR(60)
auth_group_type: VARCHAR(1)
editable: VARCHAR(1)
operate_by: VARCHAR(30)
operate_at: TIMESTAMP
belong_org_id: INTEGER [FK]

fun_auth
id: INTEGER NOT NULL [PK]
auth_group_id: INTEGER [FK]
fun_id: INTEGER [FK]
operations: VARCHAR(255)
operate_by: VARCHAR(30)
operate_at: TIMESTAMP

fun
id: INTEGER NOT NULL [PK]
parent_fun_id: INTEGER [FK]
service_id: INTEGER [FK]
fun_code: VARCHAR(15)
fun_type: VARCHAR(2)
layer: VARCHAR(2)
layer_seq: VARCHAR(3)
fun_name: VARCHAR(60)
fun_path: VARCHAR(120)
operations: VARCHAR(255)
active_flag: VARCHAR(1)
boot_flag: VARCHAR(1)
operate_by: VARCHAR(30)
operate_at: TIMESTAMP

data_auth
id: INTEGER NOT NULL [PK]
auth_group_id: INTEGER [FK]
org_id: INTEGER [FK]
view_range: CHAR(1)
operate_by: VARCHAR(30)
operate_at: TIMESTAMP

org
id: INTEGER NOT NULL [PK]
parent_org_id: INTEGER [FK]
org_name: VARCHAR(30)
org_type: VARCHAR(1)
org_criteria1: VARCHAR(10)
org_criteria2: VARCHAR(10)
org_criteria3: VARCHAR(10)
operate_by: VARCHAR(30)
operate_at: TIMESTAMP

service
id: INTEGER NOT NULL [PK]
provider_id: INTEGER [FK]
service_name: VARCHAR(60)
service_url: VARCHAR(255)
parameter_description: VARCHAR(255)
service_key: VARCHAR(255)
service_key_password: VARCHAR(20)
connect_frequency: VARCHAR(2)
operate_by: VARCHAR(30)
operate_at: TIMESTAMP

