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Subject: Please help the SQL-challenged  
Posted by [guido](#) on Thu, 17 May 2007 13:25:29 GMT  
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Hi,

I'm writing a sqlite-based recipe database.

Now I'm stuck a bit due to upp's total lack of documentation in this regard and this being my first contact with SQL.

I studied the sql samples, but none shows how to do what I need.

Please somebody have a look at the schema I came up with:

```
TABLE_(RECIPES)
INT_ (ID) PRIMARY_KEY AUTO_INCREMENT
STRING_ (TITLE, 1024)
STRING_ (DESCRIPTION, 4096)
STRING_ (SOURCE, 1024)
STRING_ (PREPARATION, 30000)
INT_ (RATING)
DOUBLE_ (SERVINGS)
INT_ (PREPTIME)
INT_ (COOKTIME)
BLOB_ (PHOTO)
BLOB_ (THUMB)
END_TABLE

TABLE_(INGREDIENTS)
INT_ (ID) PRIMARY_KEY AUTO_INCREMENT
STRING_ (HEADER, 1024)
INT_ (AMOUNT)
INT_ (POSITION)
INT_ (INGREDIENT_ID) REFERENCES(INGREDIENT_DICT)
INT (UNIT_ID) REFERENCES(UNIT_DICT)
END_TABLE

TABLE_(CATEGORIES)
INT_ (ID) PRIMARY_KEY AUTO_INCREMENT
INT (CAT_ID) REFERENCES(CATEGORIES_DICT) UNIQUE
END_TABLE

TABLE_(CATEGORY_DICT)
INT_ (CAT_ID) PRIMARY_KEY
STRING_ (CATEGORY, 64) UNIQUE
END_TABLE

TABLE_(UNIT_DICT)
INT_ (UNIT_ID) PRIMARY_KEY
```

```
STRING_ (UNIT, 64) UNIQUE  
END_TABLE
```

```
TABLE_(INGREDIENT_DICT)  
INT_ (INGREDIENT_ID) PRIMARY_KEY  
STRING_ (INGREDIENT, 1024) UNIQUE  
END_TABLE
```

First I wanted to know if the schema makes sense to you.

Further, could someone please draft the upp sql statements for adding/fetching CATEGORIES and INGREDIENTS.

I figured out a dialog for the main RECIPES table columns, but struggling badly with the latter.

Guido

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