
Subject: Re: difficulty with sqlite3 schema

Posted by [brokndodge](#) on Sun, 18 Apr 2010 02:09:27 GMT

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i've studied a couple of large database structures and come up with this solution:

```
TABLE_(prospect_detail)
  INT_      (prospect_id)    PRIMARY_KEY AUTO_INCREMENT
  STRING_   (first_name, 30)
  STRING_   (middle_name, 30)
  STRING_   (last_name, 30)
  STRING_   (suffix_name, 5)
  STRING_   (address_1, 50)
  STRING_   (address_2, 50)
  STRING_   (city, 30)
  STRING_   (state, 2)
  INT_      (zip)
  INT_ARRAY_ (phone_1, 3)
  INT_ARRAY_ (phone_2, 3)
  INT_ARRAY_ (phone_3, 3)
  INT_ARRAY_ (phone_w, 3)
  INT_ARRAY_ (ssn, 3)
  INT_      (beacon)
  BOOL_     (is_sales)
  BOOL_     (is_service)
  INT_      (wants) //this should be a stock #
END_TABLE

TABLE_(documents)
  INT_      (doc_id)          PRIMARY_KEY AUTO_INCREMENT
  INT       (prospect_id)     REFERENCES(prospect_detail.prospect_id)
  BLOB_     (docs)
END_TABLE

TABLE_(employers)
  INT_      (employer_number) PRIMARY_KEY AUTO_INCREMENT
  INT       (prospect_id)     REFERENCES(prospect_detail.prospect_id)
  STRING_   (employer_name, 50)
  INT_ARRAY_ (employer_phone_1, 3)
  INT_ARRAY_ (employer_phone_2, 3)
  STRING_   (contact, 50)
  STRING_   (employer_addy_1, 50)
  STRING_   (employer_addy_2, 50)
  STRING_   (employer_city, 30)
  STRING_   (employer_st, 2)
  STRING_   (employer_zip, 5)
  DATE_     (hire_date)
  DATE_     (quit_date)
```

```
    BOOL_ (is_currant)
    DOUBLE_ (gross_monthly_income)
END_TABLE

TABLE_(vehicles_owned)
    STRING_ (vin, 17) PRIMARY_KEY
        INT_ (prospect_id) REFERENCES(prospect_detail.prospect_id)
    INT_ (year)
    STRING_ (make, 15)
    STRING_ (model, 30)
    STRING_ (trim_package, 10)
    STRING_ (engine, 10)
    INT_ (miles)
    DOUBLE_ (acv)
    DOUBLE_ (show)
END_TABLE
```
