

This is an example of how searching can be achieved in a QuickDialog form.

The relevant lines are shown in red.

```
CouchQuery *query;

+ (QRootElement*)createForm
{
    mSds = [SharedDataSingleton sharedInstance];

    query = [Doctor getDoctors];

    QRootElement *root = [[QRootElement alloc] init];
    root.controllerName = @"DoctorsController";
    root.grouped = YES;
    root.hasSearchBar = YES;
    root.title = [mSds.appBundle localizedStringForKey:@"APDoctors" value:@"APDoctors" table:nil];
    QSection *doctors;
    if (query.rows.count > 0)
    {
        doctors = [[QSection alloc] initWithTitle:@"To edit a doctor, click on the row"];
    }
    else
    {
        doctors = [[QSection alloc] init];
    }
    doctors.key = @"doctors";

    int menurowheight = 50;

    QButtonImageColours *colours = [[QButtonImageColours alloc] initWithEnabled:[UIColor orangeColor]
andDisabled:[UIColor lightGrayColor]];

    NSMutableArray *dataToSearch = [[NSMutableArray alloc] init];
    CouchQuery *items = [Doctor getDoctors];
    for (int i = 0; i<items.rows.count;i++)
    {
        CouchQueryRow *row = [items.rows rowAtIndex:i];
        CouchDocument *doc = [row document];
        NSMutableDictionary *docContent = [doc.properties mutableCopy];
        NSString* uuid = [docContent valueForKey:@"uuid"];
```

```

        NSString* full = [docContent valueForKey:@"fullName"];
        QButtonImageElement *element = [[QButtonImageElement alloc] initWithTitleAndColours:full andImage:nil
withRowHeight:menurowheight andColours:colours];
        element.key = uuid;
        element.controllerAction = @"onEditDoctor:";
        [dataToSearch addObject:[[SearchElement alloc] initWithDetail:full andKey:uuid]];
        [doctors addElement:element];
    }
    [root addSection: doctors];

    root.searchList = dataToSearch;
    root.searchType = IMSTableSearchTypeSubstring;

    return root;
}

```

If someone clicks on one of the search results entries, the following method should be implemented in the instance of QuickDialogController for the root element you created. The details of the row are contains in the highlighted row.

```

- (void)tableView:(UITableView *)tableView didSelectRowAtIndexPath:(NSIndexPath *)indexPath
{
    SearchElement *se = (SearchElement*)[self.filteredSearchList objectAtIndex:indexPath.row];
    mSds.currentQuery = [Doctor getRows:@"doctorsbyuuid" withKey:se.key];

    QRootElement *details = [EditDoctorController createForm];
    EditDoctorController *controller = (EditDoctorController *)[EditDoctorController alloc] initWithRoot:details;
    controller.modalTransitionStyle = UIModalTransitionStyleFlipHorizontal;
    [self.navigationController pushViewController:controller animated:YES];
}

```