

# The "People" and "Organisations" BusinessObjects

All the data you add to your Oria App is added using BusinessObject data-tables that are stored in the database. An empty Oria system contains a small number of Business Objects which have been added partly to demonstrate how the system works, but also because they are needed in virtually all Oria Apps.

"People" and "Organisations" are two such BusinessObjects. Data-tables with a minimum number of data-fields and behaviours have been added to all Oria Apps for holding data about People and Organisations. These can be extended and customized as per the needs of any App.

If your App includes BusinessObjects such as Customers, Suppliers, Staff, Users, Farmers, Clients etc., etc. These are likely to be added to your App as "Extensions" of the People and Organisations BusinessObjects.

## How the People and Organisations BusinessObjects appear in a typical Oria System

The screenshot shows a web-based form for editing a person's record. The form is titled 'Data for: Adam Brett (Oria Systems Ltd)'. It has two tabs: 'People data' and 'Staff data'. The 'People data' tab is selected, and the record is identified as 'People: data ID: 10,000'. The form contains several input fields: 'FirstName' (Adam), 'LastName' (Brett), 'OrganisationsID' (Oria Systems Ltd (orx)), 'JobDescription', 'PersonTypeID' (Staff), and 'DateCreated' (09/12/2019 09:53:04). There are also sections for 'Phones', 'Addresses', and 'EmailAddresses'.

People Edit Form

### Viewing one record in for a person in an Oria App.

Note the toolbar at the top of the screen contains many options, which are described in the "Editing Data" help document. That is a sign that this App has been developed.

An additional tab for "Staff" can be seen. This indicates that an "Extension" BusinessObject for Staff data has been added to this App.

Note at the bottom of the screen summary data is also visible.

### Viewing one record for an Organisation in an Oria App

This has very similar extensions and additions to the "People" edit window shown above.

Note that the Organisation Business Object includes a WebsiteAddress edit, which is added as a decoration to the data-table.

Organisations Edit Form

1. Access the grid from the System Menu.
2. Click on a record to edit it.

Orixa Database System

System Entities • Communications TreeView • Schedules • Images Grid • DB Modeler • BusinessObject

BusinessObjects data 30,16,963

BusinessObject - All Records, 34 records.

1

2

3

4

System Scripts

```
1 SELECT
2   O.ID,
3   O.orgCode,
4   O.Name as Organisation,
5   T.Name as OrganisationType,
6   F.Fullname as MainContact,
7   O.Hono,
8   C.Name as Country,
9   S.Fullname as Status,
10  PS.PhoneNumbers,
11  EA.Emails,
12  O.DateCreated,
13  O.Current
14 FROM
15   Organisations O
16 LEFT JOIN Types T ON (O.OrganisationTypeID = T.ID)
17 LEFT JOIN People P ON (O.MainContactID = P.ID)
18 LEFT JOIN Countries C ON (O.CountryID = C.ID)
19 LEFT JOIN Status S ON (O.StatusID = S.ID)
20 LEFT JOIN PS_OrganisationList PS ON PS.LinkID = O.ID
21 LEFT JOIN EA_OrganisationList EA ON EA.LinkID = O.ID
22
```

ID	Name	Top	Left	Icon	DisplayC
10003	Regions	490	5		8 SELECT N
10004	Addresses	1061	1479		35 SELECT
10005	Phones	1061	356		34 SELECT
10006	EmailAddresses	1061	728		35 SELECT
10007	Currencies	1061	933		61 SELECT
10008	Countries	1061	1133		6 SELECT
10009	BusinessObjects	490	1666		52 SELECT
10061	EdHistory	147	311		30 SELECT C
10062	FallNotes	1061	223		28
10063	Organisations	394	2		67 SELECT
10064	People	2	7		1 SELECT
10065	Staff	146	577		1 SELECT
10066	Status	274	15		79 SELECT
10067	Types	275	170		48 SELECT
10068	Searches	29	361		55 SELECT
10069	Comments	1061	1314		89
10071	Timeaway	365	587		26 SELECT
10072	Resources	489	1889		56 SELECT R
10073	Images	1026	1696		53
10120	SystemDB.ConfigurationSe	1	1		42 SELECT E
10181	Customers	1	1		67 SELECT
10184	Communications	1	1		10 SELECT
10270	Products	1	1		14 SELECT
10281	Contracts	1	1		7 SELECT
10284	ContractItems	1	1		7 SELECT
10304	WorkItems	1	1		6 SELECT
10508	ContractPayments	1	1		19 SELECT
11204	Events	1	1		28 SELECT
12648	Expenses	1	1		21 SELECT
12651	HelpItems	1	1		30 SELECT
13128	Links	1	1		144
13282	Subscriptions	1	1		68 SELECT
13876	SubscriptionLog	1	1		67 SELECT
13881	SubscriptionReceipts	1	1		69 SELECT

Organisations Business Object record

3. The edit-form will open.

4. Alter the different scripts in the record to alter the behaviour of the BusinessObject.

If a new field is added to the BusinessObject and you want it to be shown in your Orixa App, you would simply add a reference to it in one or more of the BusinessObject Script fields.

More information about this is found in the help topics on extending and developing your Orixa App.