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For managing the data of a screen, the **CustomScreen** provides a simple API which can be accessed via `getDataApi('DATA_PROVIDER_NAME')` from anywhere in it's extended classes.

This API provides following functions:

- `dynamic getValue(String columnName)`
Provides the value of a specific column
- `List getValues(List columnNames)`
Provides a list of values for the specified columns
- `setValue(String columnName, dynamic value)`
Sets the value for a specific column
- `setValues(List columnNames, List values)`
Sets the values for a list of specified columns
- `insertRecord()`
Inserts a new record
- `deleteRecord(int index)`
Deletes the record at the specified index
- `selectRecord(int index)`
Selects the record at the specified index

The client persists those changes by itself.

Examples

Reading a value

```
DataApi dataApi = getDataApi('JVxMobileDemo/Con-CG/contacts#4');

FlatButton(
  child: Text("Call"), onPressed: () {
    phone = dataApi.getValue("PHONE");
    launch("tel://$phone");
  })
```

Setting a value

```
DataApi dataApi = getDataApi('JVxMobileDemo/Con-CG/contacts#4');

FlatButton(
  child: Text("Set phone number"), onPressed: () {
    phone = dataApi.setValue("PHONE", '+43660123456');
  }
)
```

Inserting a record

```
DataApi dataApi = getDataApi('JVxMobileDemo/Con-CG/contacts#4');
```

```
FlatButton(  
  child: Text("Insert"), onPressed: () {  
    phone = dataApi.insertRecord();  
  }  
)
```

More examples can be found [here](#) and [here](#).

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