

Set up business rules at the page level (Addon for mobile page)

At the moment, the difference between the rules on the card and the model is insignificant. Namely, the difference is that the card has Visibility rules that can show or hide card elements. Therefore, let's consider this particular example, and try to hide a column under a condition.

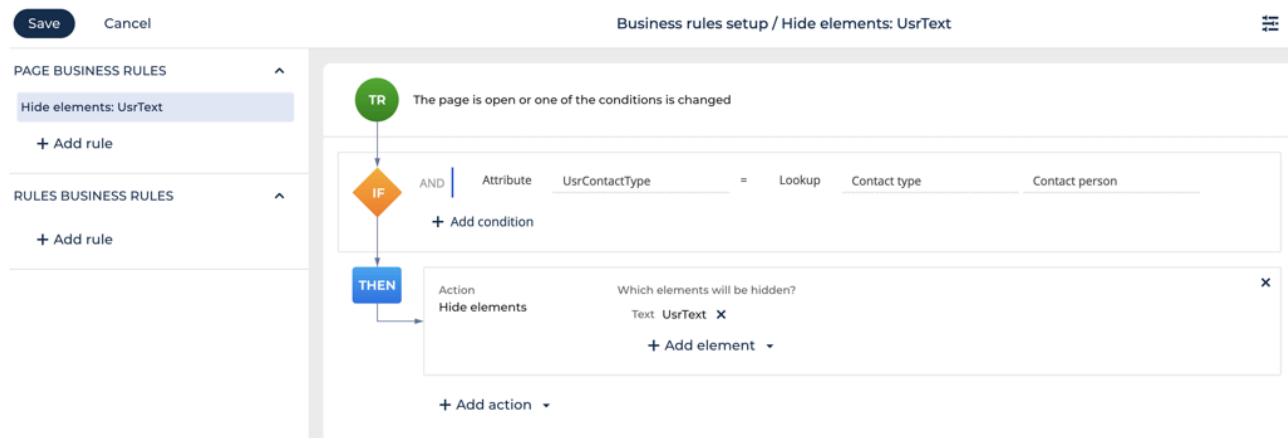
i If an existing page on the web has page business rules, create a new edit card on the web and set up rules here. After finishing all the steps, you may delete this page.

1. Set up rules on the web.
2. Elements (controls) names ("Code" and "Element code") should be named according to the column names. That is, if the column is UsrText, then the control should be called that way (because the names are generated by the web by default):



Element code
UsrText

3. The rule that hides the UsrText field can be configured as follows:



i When saving, do not forget to click Save in the card itself.

4. Add a new (or existing) section in the mobile application wizard and configure the card properly.

Section page "Rules"

SAVE CANCEL

General information ^ v

Name
UsrContactType
UsrText

NEW COLUMN DELETE COLUMN

NEW v

5. Go to the Configuration (WorkspaceExplorer) and look for the card settings scheme (scheme name format: Mobile[Object name]RecordPageSettings[Workspace name]):

Configuration

CLOSE COMPILE ACTIONS v

Search by package

All packages

- Custom
- ActionsDashboard
- AnalyticsDashboard
- Approval
- AutoTest
- BPMS_ENU

Name	Title	Status	Type	Object
MobileApplicationManifestDefaultWorkplace *	MobileApplicationManifestDefaultWorkplace		Client module	
MobileRulesActionsSettingsDefaultWorkplace *	MobileRulesActionsSettingsDefaultWorkplace		Client module	
MobileRulesGridPageSettingsDefaultWorkplace *	MobileRulesGridPageSettingsDefaultWorkplace		Client module	
MobileRulesRecordPageSettingsDefaultWorkplace *	MobileRulesRecordPageSettingsDefaultWorkplace		Client module	

i In this case, the name of the object is "Rules"

6. Open this schema.

! In case there are multiple pages with the same name, you should get the root schema. The scheme from which all the others were inherited

Open its metadata (Actions → Open metadata) and look at its metadata (Metadata (Read-Only) section) and copy its Uid, PackageUid and CreatedInPackageId.

CLOSE

MobileRulesRecordPageSettingsDef...

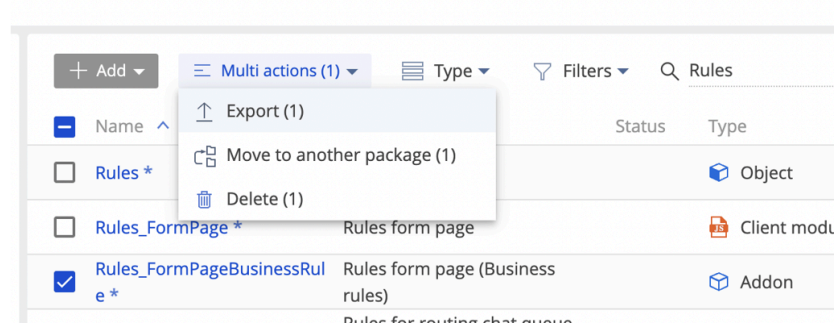
Metadata

Metadata (Read-Only)

Modifications package

```
1 * {
2 *   "Metadata": {
3 *     "Schema": {
4 *       "ManagerName": "ClientUnitSchemaManager",
5 *       "Uid": "4b5118dd-489e-466a-b2f3-dd6f87a5878",
6 *       "Name": "MobileRulesRecordPageSettingsDefaultWorkplace",
7 *       "CreatedInPackageId": "1279f557-7029-41b4-b9ba-9716852236cb",
8 *       "Methods": [],
9 *       "LocalizableStrings": {},
10 *      "Usings": [],
11 *      "PackageUid": "a00051f4-cde3-4f3f-b08e-c5ad1a5c735a",
12 *      "CreatedInVersion": "0.0.0.0",
13 *      "ParentSchemaId": "50e3acc0-26fc-4237-a095-849aid534bd3",
14 *      "Body": "null",
15 *      "AutogeneratedCode": "null",
16 *      "Dependencies": [],
17 *      "Messages": [],
18 *      "Images": [],
19 *      "Parameters": [],
20 *      "Css": "null",
21 *      "Less": "null"
22 *    }
23 *   }
24 * }
```

7. Export the rules configured in step 3.



8. This metadata needs to be slightly adapted to the mobile platform. Open the downloaded metadata file and make the following changes:

a) Change the Uid. You can either generate it or simply change a few digits/characters in the current value. The old Uid must be changed throughout the scheme (at least 2).

b) We give a new name to the Addon in Name and A2. The format will be as follows: [Object name]RecordPageSettingsBusinessRule (for example, RulesRecordPageSettingsBusinessRule).

i If it's required to use prefix in schema names, use it. For instance, if default prefix is "Usr", name of add-on should be like UsrRulesRecordPageSettingsBusinessRule.

c) Replace all "EntitySchemaManager" with "ClientUnitSchemaManager", if any.

d) In B6, we write the PackageUid from step 6.

e) In AD1 and TargetSchemaUid, we write the Uid from step 6.

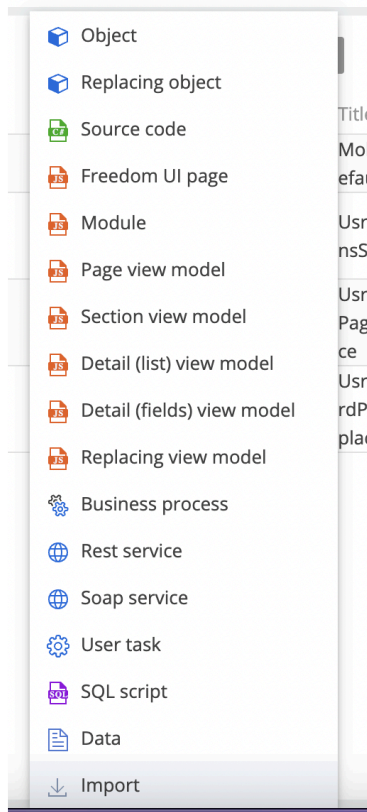
f) In A5, we write the CreatedInPackageUid from step 6.

g) Replace all web-generated control names with the corresponding column names. You can search for them using the following masks: LookupAttribute_, Input_, ComboBox_, PDS_. The main idea is to replace web components with columns in mobile app.

For example, instead of **LookupAttribute_6wy705z**, it should be **UsrContactType**, instead of **PDS_UsrAccount_18vwltp**, it should be **UsrAccount**.

h) Save the changes.

9. Import this modified scheme. Select the desired package in the Configuration, click "Add" and select "Import" in the list (currently it is the last in the list).



As a result, in the package in which this section was added in the mobile application wizard, an Addon scheme with rules that are tied to the card configuration scheme in the mobile application should appear.

10. After that, you need to synchronize the mobile app with Creatio and check the rule's operation.

i If the rules do not appear, you should restart/compile the site.