

## How-to: Setting Header form data from Detail callpoints

A common characteristic of Header/Detail form design is to keep a balance, total or other sort of display field in the Header portion of the form that you update as you enter data into the Detail Grid rows.

Barista uses two different programs to control the Header and Detail forms, so while in the Detail Grid, Barista doesn't have the Header form controls in scope -- it can't manipulate Header form controls while processing the Detail grid.

In order to update a Header field from within the Detail Grid callpoints, you need to not only use the `setHeaderColumnData()` method of the `callpoint!` object to ensure the `callpoint!` object is up to date, but also retrieve the control object and set its value directly. The easiest way to do this is to store the desired control object using the `callpoint!.setDevObject()` method, then later retrieve the control and set the value as needed.

1. In a Header-level callpoint such as BSHO or AFMC, retrieve the control object and store it. The recommended way to retrieve a control in Addon is to use the `getControl()` method of the `util` object. Alternatively, you can use code as shown in the `fnget_control()` function

Using the `util` object:

```
use ::ado_util.src::util
...
callpoint!.setDevObject("ord_total_ctl", util.getControl(callpoint!,
  "<<DISPLAY>>.ORDER_TOT"))
```

Using the `fnget_control()` function:

```
callpoint!.setDevObject("ort_total_ctl", fnget_control!
("<<DISPLAY>>.ORDER_TOT"))
...
def fnget_control!(ctl_name$)
  ctlContext=num(callpoint!.getTableColumnAttribute(ctl_name$, "CTLC"))
  ctlID=num(callpoint!.getTableColumnAttribute(ctl_name$, "CTLI"))
  get_control!=SysGUI!.getWindow(ctlContext).getControl(ctlID)
  return get_control!
fndend
```

2. Now, from the Detail Grid callpoints, as you enter/calculate information you'd like to display in the header control:

```
<some logic to calculate total_price>
total_ctl! = callpoint!.getDevObject("ord_total_ctl")
total_ctl!.setValue(total_price)
callpoint!.setHeaderColumnData("<<DISPLAY>>.ORDER_TOT", str(total_price))
```