Hot Features

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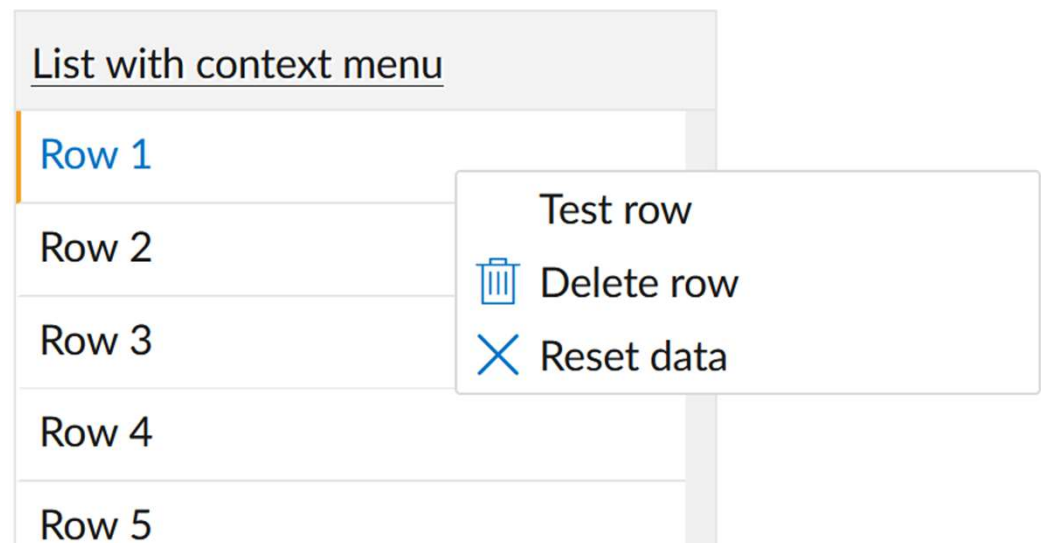
What are these "*hot*" features?

› WebContextMenu
   › HeaderMenu
› WebMultiSelectList
   › – Easy as it is!

WebContextMenu

› Introduced in 20.1!

› Provides the ability to add 'extra' or 'advanced' features.
  › Windows to Web.

› Menu-API compatible.

› Extendable!

How does the thing work?

› Scoping and focus;

› Scoping:
  › phoControl
  › psControlName

› Focus:
  › peContext
  › psContextCSSSelector

What are these Contexts then?

Scopes can provide additional context as to what was right-clicked on.

- If a non-custom peContext is set it will provide the context in **psContextValue**

Contains either a RowId (String) or Value in any format.

What Contexts are provided out of the box?

Default: C_WebUIContextCustom

- Use psContextCSSSelector to specify the focus!

WebList:

- WebUIContextListHead (23.0) (no-child-scopes)
- WebUIContextListRow
- WebUIContextListSelection (23.0)

WebTreeList:

- WebUIContextTreeviewFolder
- WebUIContextTreeviewItem

WebTagsForm:

- WebUIContextTagsFormTag

Scopes can cover more than one control

› What if I want my ContextMenu to cover the whole view, including the CommandBar?
   › Set psControlName to "window"
› What if I want my ContextMenu to cover the whole webapp (across views)?
   › Place it into the oWebApp.
› What if I want to cover multiple controls with one menu of the same context (23.0)
   › pbChildScopes

Let's take a look at some Contexts shall we?

There are several APIs available!

Implement a minimal of **2** APIs and it works!

With a total of **5** interfaceable functions available to do with as you please.

How does a context do what it does?

› How does it determine the psContextCSSSelector?

```
determineSelectorForWebUIContext : function (eContext) {
    switch (eContext) {
        case df.WebUIContext.WebUIContextTagsFormTag:
            return ".WebTgf_Tag[data-dfrowid]";
    }
    return null;
}
```

How does it do what it does?

› How does it retrieve the psContextValue?

```
retrieveValueFromWebUIContext : function (eElem, eContext) {
    switch (eContext) {
        case df.WebUIContext.WebUIContextTagsFormTag: {
            if (!eElem.hasAttribute('data-dfrowid'))
                break;
            return eElem.getAttribute('data-dfrowid')
        }
    }
    return null;
}
```

How does it do what it does?

› How can I block certain elements that have the same CSS?

```javascript
verifyElementForWebUIContext : function (eElem, eContext) {
    switch (eContext) {
        case df.WebUIContext.WebUIContextTagsFormTag: {
            if (!eElem.classList.contains('persist')) {
                return false;
            }
            break;
        }
        return true;
}
```

How does it do what it does?

› What if I want to know what menu is attaching (reverse-bind)?

```
bindHandlerForWebUIContext : function (oObj, eContext) {
    switch (eContext) {
        case df.WebUIContext.WebUIContextListHead:
            this._oHeader?.registerHeaderMenu(oObj);
    }
    return true;
}
unbindHandlerForWebUIContext : function (oObj, eContext) {
    switch (eContext) {
        case df.WebUIContext.WebUIContextListHead:
            this._oHeader?.unregisterHeaderMenu(oObj);
    }
    return true;
}
```

WebMultiSelectList

› "I just want to select these rows, why is that so hard!?"

› No more cWebColumnCheckbox for selections

› Data-Aware

› Drag & Drop compatible
  › Struct tWebMultiSelectListDragData
  › tWebRow[] data
  › End_Struct

› WebUIContext compatible

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Thank you!

Are there any questions?