



Unveiling the Hidden: Undocumented Features & Further Tips

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Generate RemoteForm's .htm file without opening the browser

Old:

```
Do $modes.$dotoolmethod(kEnvToolBrowser,75,$remoteforms.jsMyRemoteForm)
```

New:

```
Do $clib.$remoteforms.jsMyRemoteForm.$open(" ,kFalse) Returns path
```

Undocumented parameter:

1. Path of an alternative template file to use
2. Boolean that indicates if the form is to be opened in the browser

Ignore containers when using \$makelist

Syntax documented as follows (F1 Help):

- *Itemgroup.\$makelist(\$ref.\$att1,\$ref.\$att2,...)* generates a list from the item group

How to list all objects within a class regardless of being within a container?

- New constant: **kRecursive**

Example: Do `$cinst.$objs.$makelist(kRecursive,$ref.$name,$ref.$ident)` Returns **list**

Window instance has its own \$classdata

Documented as follows:

- *\$classdata*: Binary representation of the data for the **class**

Example: Calculate **binaryVar** as `$windows.w1.$classdata`

Access \$classdata of an **instance**:

Example: Calculate **binaryVar** as `$cinst.$classdata`

Save \$classdata of an **instance** to its **class**:

Calculate `$cclass.$classdata` as `$cinst.$classdata`

Overwrite default behavior of a property

Adding a method called:

```
[$[PropertyName]].$assign
```

...to a class or component causes this method to be executed whenever

Do `[$[PropertyName]].$assign` is called.

- Receives the assigned value as parameter
- Use *Do default* command to perform default behavior for the built-in property

XCOMP in Omnis user data folder

External components are now also loaded from an xcomp (and jscomp) folder in the **user data folder**:

Windows: C:\Users\[User]\AppData\Local\Omnis Software\OS 11 x64\xcomp

macOS: ~/Library/Application Support/Omnis/Omnis Studio 11 x64/xcomp

Use **Auto Updates** feature to add files:

Windows: C:\Users\[User]\AppData\Local\Omnis Software\OS 11 x64\update.bat

macOS: ~/Library/Application Support/Omnis/Omnis Studio 11 x64/update.sh

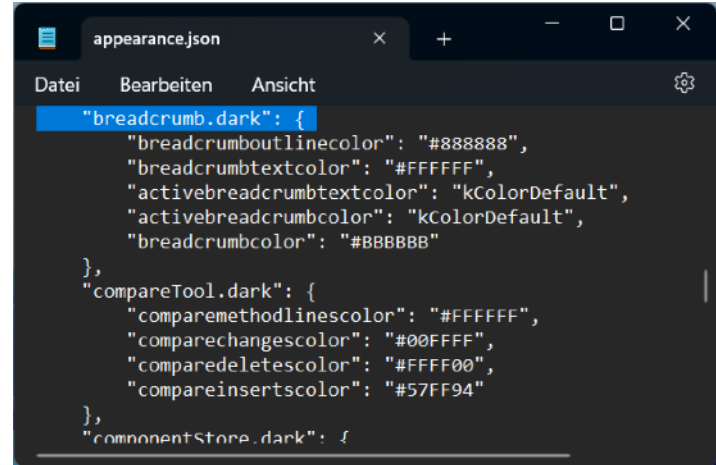
Turn off System Dark Mode Support

Remove “[item].dark” items from:

... \studio**appearance.json**

In Dev version also remove from: ...

\studio\themes**appthemedefault.json**



```
appearance.json
Datei  Bearbeiten  Ansicht
"breadcrumb.dark": {
  "breadcrumboutlinecolor": "#888888",
  "breadcrumbtextcolor": "#FFFFFF",
  "activebreadcrumbtextcolor": "kColorDefault",
  "activebreadcrumbcolor": "kColorDefault",
  "breadcrumbcolor": "#BBBBBB"
},
"compareTool.dark": {
  "comparemethodlinescolor": "#FFFFFF",
  "comparechangescolor": "#00FFFF",
  "comparedeltescolor": "#FFFF00",
  "compareinsertscolor": "#57FF94"
},
"componentStore.dark": {
```

Switch between Dark Mode settings:

1. Store \$root.\$prefs.\$appearance (appearance.json) with and without “[item].dark” items in e.g. \$userinfo
2. Assign \$userinfo to \$appearance

Switch between Dark Mode and Light Mode at runtime in RemoteForms

Omnis has a number of JS Themes which can be used to style JS client applications:

- default theme, dark theme, etc.

Change theme in code using the 'settheme' client command:

```
Do $cinst.$clientcommand('settheme',row('dark'))
```

RemoteForm needs to be reloaded for changes to take effect:

```
JavaScript:location.reload();
```


Sys(300)

Do `sys(300)`

(undocumented guaranteed Omnis core crash)



Many thanks