How-to Guide

Mobile Client Technology

How To... Hide or Disable Interaction Component (IAC) Containers via APIs

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1 Hiding IAC Containers

It is possible to hide *Business Component* container and *Tileset* container by using APIs of the UI Framework inside the UI application code.

1.1 Syntax

```
Public Sub CoreApplication::setTilesetContainerVisible(
      ByVal businessComponentContainerName As String,
      ByVal tilesetContainerName As String,
      ByVal visible As Boolean)

Public Sub CoreApplication::setBusinessComponentContainerVisible(
     ByVal businessComponentContainerName As String,
     ByVal visible As Boolean)
```

1.2 Semantic

The above mentioned functions:

- will hide entries in the navigation bar as well as the corresponding entries in the menu bar.
- have no case sensitive parameters.
- can be used only in the application startup sequence in the application *beforeLoad* and *onLoad* events.
- can only be used to hide entries modeled as visible in the MAS, not vice versa, meaning displaying entries, which are modeled as hidden.
- will not decide the final visible state of an *IAC* container as this is a combination of modeling, authorization, application code (these functions), deployment settings and personalization.

1.3 Example

```
Private Sub mCore_OnLoad()
    mCore.setBusinessComponentContainerVisible("CMSABusinessPartner",
false)
    mCore.setTilesetContainerVisible("cMSAContactPersons",
"sMSACONContactHours", false)
End Sub
```

2 Disabling IAC Containers

It is possible to disable *Business Component* container and *Tileset* container by using APIs of the UI Framework inside the UI application code.

2.1 Syntax

```
Public Sub CoreApplication::setTilesetContainerEnabled(
      ByVal businessComponentContainerName As String,
      ByVal tilesetContainerName As String,
      ByVal enabled As Boolean)

Public Sub CoreApplication::setBusinessComponentContainerEnabled(
      ByVal businessComponentContainerName As String,
      ByVal enabled As Boolean)
```

2.2 Semantic

The above mentioned functions:

- will modify the enabled state of entries in the navigation bar as well as the corresponding entries in the menu bar.
- will change the visibility of affected hyperlinks in the currently loaded tileset.
- have no case sensitive parameters.
- can be used at any point in time.
- can only be used to disable entries modeled as enabled in the MAS, not vice versa, meaning to enable entries modeled as disabled.
- will not decide the final enabled state of an *IAC* container, as this is a combination of modeling, authorization and application code (these functions).
- The functions ignore the call when you try to disable the loaded tileset or the loaded business component.

2.3 Example

```
Private Sub DisableComponents()
    mCore.setBusinessComponentContainerEnabled("CMSABusinessPartner",
false)

mCore.setTilesetContainerEnabled("cMSAContactPerson","sMSACONContactHour
",false)
End Sub
```