

# How to improve the performance of your application by making your Tab-Control a container.

When the *allow-container* style is set, a tab control becomes a container control.

```
03 screen1-tc-1 tab-control
  tab-to-add ("Page1", "Page2")
  allow-container.
```

By making the tab control a container, you remove the need to manage the tab switch by intercepting the CMD-TABCHANGED event and updating the screen with the DISPLAY verb. The tab switch is automatically managed by the runtime Framework. This simplifies your coding and also reduces traffic in thin client and WebClient environments, which improves performance.

There are two ways to add controls to a Tab-Control with the Allow-Container style:

by using a Format 2 DISPLAY statement. E.g.

```
display scr-page-1 upon screen1-tc-1(1)
```

or

by setting the attributes TAB-GROUP and TAB-GROUP-VALUE on the screen entry. E.g.

```
03 scr-page-1 tab-group screen1-tc-1, tab-group-value 1.
```

```
05 entry-field
```

...

```
03 scr-page-2 tab-group screen1-tc-1, tab-group-value 2.
```

```
05 list-box
```

...

**Example** – Here's a tab-control with two pages with the allow-container style

SCREEN SECTION.

```
01 Mask.
03 Tb1-container
  tab-control
    line      2
    col      2
    lines    17 cells
    size     68 cells
```

**allow-container**

```
03 tb1-container-page1
  tab-group Tb1-container tab-group-value 1.
  05 label
    line      4
    col      4
    title    "This is the first page"

  05 ef1-container
    entry-field
    line      6
    col      4

03 tb1-container-page2
  tab-group Tb1-container tab-group-value 2.
  05 label
    line      4
    col      4
    title    "This is the second page"

  05 cb1-container
    combo-box
    line      6
    col      4.
```

**PROCEDURE DIVISION.**

MAIN.

...

display Mask

```
modify Tb1-container tab-to-add ("Page1", "Page2")
modify Cb1-container item-to-add ("item1", "item2")
```

...

perform until crt-status = 27

accept Mask

on exception

continue

end-accept

if crt-status = 2

...

end-if

end-perform.

Online URL: <https://support.veryant.com/phpkb/article.php?id=350>