Replacing YES/NO input field with one-of-many-choices Tag Helper

Certain fields are expected to have a value which is one of several discreet values. We have seen the simpler case where two values are allowed: YES, NO (or true false) — and we used a Checkbox element for that scenario—.

When more that two values of a discreet collection is expected, a "Radio Button Group" may be the best user interface.

In addition to listing the available choices, selecting one should automatically de-select the others.

The TagHelper we will describe in this section is called **DdsRadioGroupField**.

Let's replace the DdsCheckboxField used in Part 4 for a DdsRadioGroupField.

The field definition in the Model file does not need to change:

$\SunFarm\CustomerAppSite\Areas\CustomerAppViews\Pages\CUSTDSPF.cshtml.cs

```
[Char(1)]
[Values(typeof(string), "Y", "N")]
public string SFYN01 { get; set; }
```

The Markup should be replaced (the line in blue changes):

$\SunFarm\CustomerAppSite\Areas\CustomerAppViews\Pages\CUSTDSPF.cshtml
```
<div Row="10">
  <DdsConstant Col="10" Text="Phone" />
  <DdsCharField Col="20" ColSpan="10" class="left-aligned-field" For="CUSTREC.SFPHONE" VirtualRowCol="14,27"  />
  <DdsConstant Col="33" Text="Fax" />
  <DdsDecField Col="36" ColSpan="10" class="left-aligned-field" For="CUSTREC.SFFAX" VirtualRowCol="13,27"
   EditWord="(  )  -   " tabIndex=8 />
  <DdsRadioButtonGroupField Col="47" Text="Send Confirmation" ValuesText="'Yes','No'" For="CUSTREC.SFYN01"
   VirtualRowCol="18,27" />
</div>
```
[1]

Where:

> **Text** is the Label for the Group of Radio Buttons.
> **ValuesText** is a comma separated list of labels for each of the Radio Buttons.

Note that:
1. The *order of items* in the ValuesText is important.
2. There should be a one-to-one correspondence between the Values attribute in the field definition (in the Model) to each text in the ValuesText collection.

---

[1] Commit "Replacing YES/NO field with a Radio Button Group"

Run the Website again, and the Customer Maintenance Page should now look like this:

<< Insert Image >>

The Radio Group interface is normally used when the possible choices are more than two, but for the sake of keeping this Guide simple, we use the same SFYN01 field as we did before for the Checkbox description on Part 4.