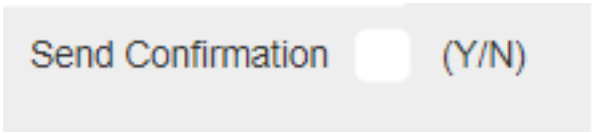
Replacing YES/NO fields with Check-boxes

Green-screen pages typically used boolean fields with a one-char field that expects the value ‘Y’ or ’N’.

In the second redesigned page, we have the field called CUSTREC.SFYN01 it is rendered as:

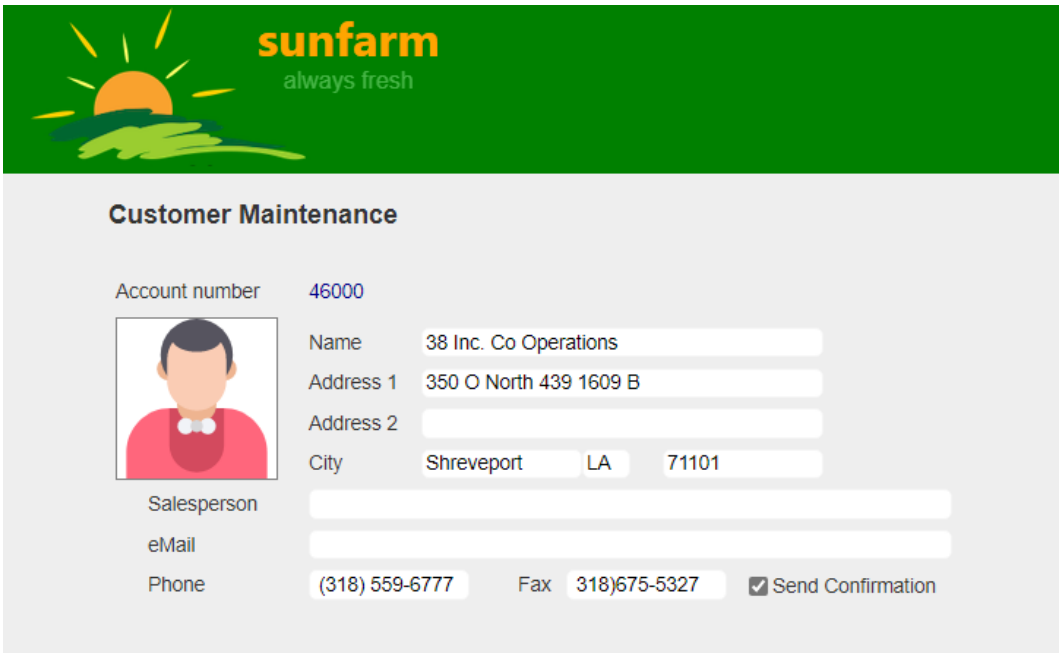


Using character fields for booleans presents several problems:

1. They need a constant to the right to show the possible expected values, in this example **(Y/N)**. Not only does it waste valuable screen real-estate , but also requires the constant to be properly aligned.
2. Having a character field that allows more than two possible input values, makes the interface error prone and therefore more validation will be required.

Checkboxes on Web pages are usually presented with the “tick” button to the left of the label, with a specific spacing between the button and the label. It should make sense then to include the constant label, such as “Send Confirmation” as part of the Tag helper.

What we want to produce is the following:



When the “tick” is checked, the application logic wants the field with a character value of “Y” and when it does not a “N” (or a blank)

The Markup can be simplified too, from three lines:

```
<DdsConstant Col="47" Text="Send Confirmation" />
<DdsCharField Col="58" ColSpan="2" For="CUSTREC.SFYN01" VirtualRowCol="18,27" />
<DdsConstant Col="61" Text="(Y/N)" />
```

Down to one:

```
<DdsCheckboxField Col="47" Text="Send Confirmation" For="CUSTREC.SFYN01" VirtualRowCol="18,27" />
```

On the Model source file, we decorate the field, providing information for the value we want to mean ***checked*** (or true), and which for ***unchecked*** (or false).

The Values attribute for **DdsCheckboxField** expects the first value to be the checked and the second the unchecked.

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

Note: DdsCheckboxField can be used on Decimal workstation fields too.