

# Presentational options

## Presentational information

Our forms can benefit from numerous bits of presentational information. These are not part of the JSON schema specification, but implementing them will improve the user experience.

- **placeholder (Recommended)** - used for the empty state of the field
- **displayFormat (Optional)** - Some data is often formatted in a certain way, this field provides a pattern over which to apply the data. It will be a sequence of '\*' characters interspersed with formatting characters. For example, a sort code '123456' is typically written with dashes '12-34-56', so a sort code field might contain the displayFormat '\*\*-\*\*-\*\*'.
- **width (Optional)** - On wider screens we may sometimes want to lay out fields side by side instead of stacked vertically, we achieve this through the width property. It can take three possible values
  - lg - full width
  - md - half width
  - sm - one third width

```
properties: {
  firstName: {
    type: "string",
    title: "First name",
    placeholder: "Given name",
    width: "md"
  },
  lastName: {
    type: "string",
    title: "Last name",
    placeholder: "Family name",
    width: "md"
  },
  sortCode: {
    type: "string",
    format: "number",
    displayFormat: "**-**-**",
    minLength: 6,
    maxLength: 7
  }
}
```

Rendering as:

First name

Given name

Last name

Family name

Sort Code

12-34-56

In this case the current model value would be

```
{
  firstName: "",
  lastName: "",
  sortCode: "123456"
}
```

Note how the hyphens are not part of the sortCode value, they are a purely presentational feature. If the user enters a value longer than the displayFormat, the additional characters should just be displayed as normal following the end of the pattern.

### Help information

- **helpText** - additional information that may help the user enter the correct data. Typically rendered in a tooltip or next to the field. - description ???
- **helpImage** - an additional image that may help the user enter the correct data.
- **helpList** - a list of strings that may help the user enter the correct data.

TODO - aggregate under one key?

```
{
  help: {
    message: "...",
    image: "https://...",
    list: ["...", "..."], // ???
    do: ["...", "..."], // ???
    dont: ["...", "..."] // ???
  }
}
```

Last name

Enter your family name

Letter characters only