





Java



Annotation schema

[HOME](#)  [GUIDES](#)  [JAVA](#)  [JSON](#)  [SCHEMA](#)  [FORM FIELDS](#)

# Effective guidelines for PDF form field types



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## Types

This section explains how to use type declarations in Instant JSON records.

The optional keys are specified as follows:

```
{ optionalKey?: value; }
```

To reduce payload size, omit optional keys when their values are undefined.

## Form fields

Form field types allow you to sync form fields across different devices.

## Common types



ASK AI

There are some data types used by different form field types:

JSON

JAVASCRIPT

```
// Examples of common types of Instant JSON payloads.

// Additional action types.
formFieldEventTriggerType = "onChange"

// Additional action types for input events.
// K – Action to be performed when the user types a keystroke into a text field or
formFieldInputEventTriggerType = "onInput"

// Form field flags.
formFieldFlags = ["readOnly", "required"]

// Form option.
formOption = {
  "label": "name",
  "value": "John Appleseed"
};
```

## Base form field shared properties

Some properties are common to all form fields and shared among all form field Instant types.

The following example shows a payload of this abstract type:

JSON

JAVASCRIPT

```
// Example of a base form field Instant JSON schema:

{
  "type": "pspdfkit/form-field/text",
  "pdfObjectId": 100,
  "annotationIds": ["100"],
  "name": "Email",
  "label": "Email", // Used to identify the field in the UI or for accessibility.
```

```
"flags": ["required"]
}
```

## Choice form field

Here's an abstract type encompassing list box and combo box form fields:

JSON

JAVASCRIPT

```
// Example of the Instant JSON schema of a choice form field:

{
  "type": "pspdfkit/form-field/listbox",
  "pdfObjectId": 100,
  "annotationIds": ["101", "102"],
  "name": "Subscribe",
  "label": "Subscribe",
  "options": [
    {
      "label": "Yes",
      "value": "Yes"
    },
    {
      "label": "No",
      "value": "No"
    }
  ],
  "multiSelect": false,
  "commitOnChange": false,
  "defaultValues": ["No"]
}
```

## List box form field

JSON

JAVASCRIPT

```
// Example of the Instant JSON schema of a list box form field:
```

```
{
  "type": "pspdfkit/form-field/listbox",
  "pdfObjectId": 100,
  "annotationIds": ["101", "102"],
  "name": "Subscribe",
  "label": "Subscribe",
  "options": [
    {
      "label": "Yes",
      "value": "Yes"
    },
    {
      "label": "No",
      "value": "No"
    }
  ],
  "multiSelect": false,
  "commitOnChange": false,
  "defaultValues": ["No"],
  "additionalActions": {
    "onInput": {
      "type": "goTo",
      "pageIndex": 3
    }
  }
}
```

## Combo box form field

JSON

JAVASCRIPT

// Example of the Instant JSON schema of a combo box form field:

```
{
  "type": "pspdfkit/form-field/combobox",
  "pdfObjectId": 100,
  "annotationIds": ["101", "102"],
  "name": "Subscribe",
  "label": "Subscribe",
  "options": [
    {
      "label": "Yes",
```

```
        "value": "Yes"
    },
    {
        "label": "No",
        "value": "No"
    }
],
"multiSelect": false,
"commitOnChange": false,
"defaultValues": ["No"],
"edit": false,
"doNotSpellCheck": false
}
```

## Checkbox form field

JSON

JAVASCRIPT

// Example of the Instant JSON schema of a checkbox form field:

```
{
  "pdfObjectId": 100,
  "annotationIds": ["100"],
  "name": "Accept",
  "label": "Accept",
  "flags": ["required"],
  "options": [
    {
      "label": "Yes",
      "value": "Yes"
    },
    {
      "label": "No",
      "value": "No"
    }
  ],
  "defaultValues": ["No"]
}
```

# Radio button form field

JSON

JAVASCRIPT

```
// Example of the Instant JSON schema of a radio button form field:
```

```
{
  "type": "pspdfkit/form-field/radio",
  "pdfObjectId": 100,
  "annotationIds": ["101", "102"],
  "name": "Color",
  "label": "Color",
  "options": [
    {
      "label": "Blue",
      "value": "Blue"
    },
    {
      "label": "Red",
      "value": "Red"
    }
  ],
  "noToggleToOff": true,
  "radiosInUnison": false, // Not supported in Web.
  "defaultValue": "Blue"
}
```

## Text form field

JSON

JAVASCRIPT

```
// Example of the Instant JSON schema of a text form field:
```

```
{
  "type": "pspdfkit/form-field/text",
  "pdfObjectId": 100,
  "annotationIds": ["100"],
  "name": "Name",
  "label": "Name", // Used to identify the field in the UI or for accessibility.
  "password": false,
```

```
"maxLength": 100,  
"doNotSpellcheck": true,  
"doNotScroll": false,  
"multiline": false,  
"comb": false,  
"defaultValue": ""  
}
```

## Signature form field

JSON

JAVASCRIPT

```
// Example of the Instant JSON schema of a signature form field:  
  
{  
  "type": "pspdfkit/form-field/signature",  
  "pdfObjectId": 100,  
  "annotationIds": ["100"],  
  "name": "Your signature",  
  "label": "Your signature"  
}
```

## Button form field

JSON

JAVASCRIPT

```
// Example of the Instant JSON schema of a button form field:  
  
{  
  "type": "pspdfkit/form-field/button",  
  "pdfObjectId": 100,  
  "annotationIds": ["100"],  
  "name": "A button",  
  "label": "A button"  
}
```

Was this helpful?

✓ YES

✗ NO



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