Building a dropdown field in ConfiForms backed by webservice call to Jira Rest API - components field

This is a variation of Building a dropdown field in ConfiForms backed by webservice call to Jira Rest API - createmeta but uses "components" REST API endpoint from Jira

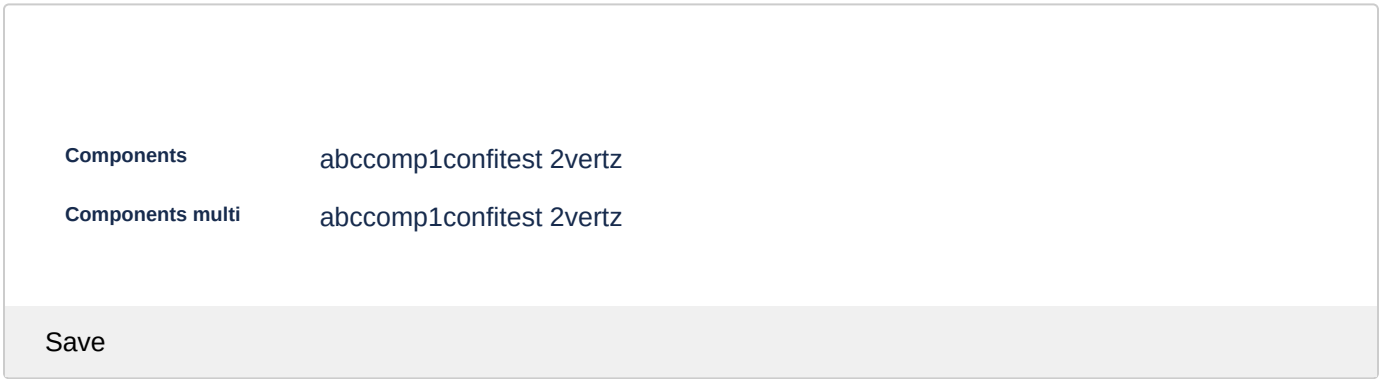
From test project TEST into a dropdown field

```
https://vertuna.atlassian.net/rest/api/2/project/TEST/components
```

Example response returned by the service

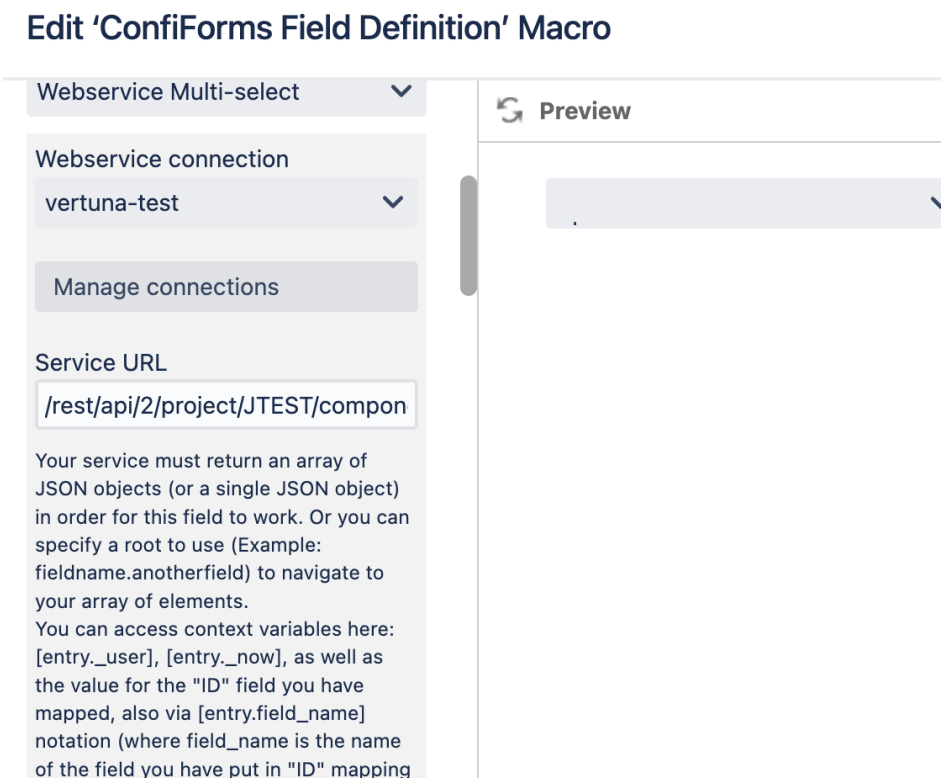

```
[
  {
    "self": "https://vertuna.atlassian.net/rest/api/2/component/10001",
    "id": "10001",
    "name": "comp1",
    "description": "my test componebt 1",
    "assigneeType": "PROJECT_DEFAULT",
    "realAssigneeType": "PROJECT_DEFAULT",
    "isAssigneeTypeValid": false,
    "project": "TEST",
    "projectId": 10200
  },
  {
    "self": "https://vertuna.atlassian.net/rest/api/2/component/10002",
    "id": "10002",
    "name": "test 2",
    "description": "My test component 2",
    "assigneeType": "PROJECT_DEFAULT",
    "realAssigneeType": "PROJECT_DEFAULT",
    "isAssigneeTypeValid": false,
    "project": "TEST",
    "projectId": 10200
  }
]
```

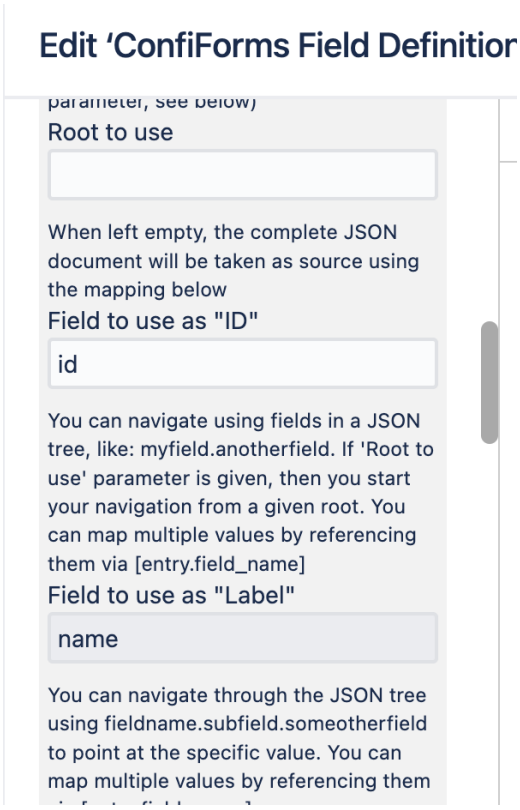

Form



Field configuration

Components field could be configured like this (of course complete configuration depends on YOUR project in Jira...)





Show data

comp1

Transformation via "asArrayOfKVPairs" Virtual functions as a bonus 🙂

entry.components.transform(name).asArrayOfKVPairs(name)

```
{"name":"comp1"}
```

entry.components.transform(id).asArrayOfKVPairs(my id)

```
{"my id":"10032"}
```

abc

Transformation via "asArrayOfKVPairs" Virtual functions as a bonus 🙂

entry.components.transform(name).asArrayOfKVPairs(name)

```
{"name":"abc"}
```

entry.components.transform(id).asArrayOfKVPairs(my id)

```
{"my id":"10036"}
```

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```
{"my id":"10032"}
```

comp1confi

Transformation via "asArrayOfKVPairs" Virtual functions as a bonus 🙂

entry.components.transform(name).asArrayOfKVPairs(name)

```
{"name":"comp1"}, {"name":"confi"}
```

entry.components.transform(id).asArrayOfKVPairs(my id)

```
{"my id":"10032"}, {"my id":"10038"}
```

abc

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entry.components.transform(name).asArrayOfKVPairs(name)

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{"name":"abc"}
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entry.components.transform(id).asArrayOfKVPairs(my id)

```
{"my id":"10036"}
```

abccomp1

Transformation via "asArrayOfKVPairs" Virtual functions as a bonus 🙂

entry.components.transform(name).asArrayOfKVPairs(name)

```
{"name":"abc"}, {"name":"comp1"}
```

entry.components.transform(id).asArrayOfKVPairs(my id)

```
{"my id":"10036"}, {"my id":"10032"}
```

comp1

Transformation via "asArrayOfKVPairs" Virtual functions as a bonus 🙂

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```

entry.components.transform(id).asArrayOfKVPairs(my id)

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```

confi

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```
{"name":"comp1"}
```

entry.components.transform(id).asArrayOfKVPairs(my id)

```
{"my id":"10032"}
```

comp1test 2

Transformation via "asArrayOfKVPairs" Virtual functions as a bonus 🙂

entry.components.transform(name).asArrayOfKVPairs(name)

```
{"name":"comp1"}, {"name":"test 2"}
```

entry.components.transform(id).asArrayOfKVPairs(my id)

```
{"my id":"10032"}, {"my id":"10033"}
```

abctest 2

Transformation via "asArrayOfKVPairs" Virtual functions as a bonus 🙂

entry.components.transform(name).asArrayOfKVPairs(name)

```
{"name":"abc"}, {"name":"test 2"}
```

entry.components.transform(id).asArrayOfKVPairs(my id)

```
{"my id":"10036"}, {"my id":"10033"}
```

Transformation via "asArrayOfKVPairs" Virtual functions as a bonus 🙂

entry.components.transform(name).asArrayOfKVPairs(name)

```

```

entry.components.transform(id).asArrayOfKVPairs(my id)

```

```

test 2

Transformation via "asArrayOfKVPairs" Virtual functions as a bonus 🙂

entry.components.transform(name).asArrayOfKVPairs(name)

```
{"name":"test 2"}
```

entry.components.transform(id).asArrayOfKVPairs(my id)

```
{"my id":"10033"}
```

comp1

Transformation via "asArrayOfKVPairs" Virtual functions as a bonus 🙂

entry.components.transform(name).asArrayOfKVPairs(name)

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{"name":"comp1"}
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entry.components.transform(id).asArrayOfKVPairs(my id)

```
{"my id":"10032"}
```

comp1

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```

entry.components.transform(id).asArrayOfKVPairs(my id)

```
{"my id":"10032"}
```

abcconfi

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```

entry.components.transform(id).asArrayOfKVPairs(my id)

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confi

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{"name":"comp1"}
```

entry.components.transform(id).asArrayOfKVPairs(my id)

```
{"my id":"10032"}
```

Storage format (form configuration in page storage format)

```
<ac:structured-macro ac:macro-id="ea177e80-12c8-4166-9541-13ebce02210e" ac:name="confiform-entry-register" ac:
schema-version="1">
<ac:parameter ac:name="embedded">true</ac:parameter>
<ac:parameter ac:name="atlassian-macro-output-type">INLINE</ac:parameter>
<ac:rich-text-body>
<p>
<br/>
</p>
</ac:rich-text-body>
</ac:structured-macro>
<ac:structured-macro ac:macro-id="81c1440c-989a-4324-b4c3-3840aafa4024" ac:name="confiform" ac:schema-version="
1">
<ac:parameter ac:name="formName">f</ac:parameter>
<ac:rich-text-body>
<p>
<ac:structured-macro ac:macro-id="232c855f-6dbe-4ea5-b332-f37958081da7" ac:name="confiform-field-definition" ac:
schema-version="1">
<ac:parameter ac:name="mapping">|id|name</ac:parameter>
<ac:parameter ac:name="fieldName">components</ac:parameter>
<ac:parameter ac:name="fieldLabel">Components</ac:parameter>
<ac:parameter ac:name="values">/rest/api/2/project/JTEST/components</ac:parameter>
<ac:parameter ac:name="extras">1f170724ecd07e7d7046c26f8c71ee81</ac:parameter>
<ac:parameter ac:name="type">wsmultiselect</ac:parameter>
</ac:structured-macro>
</p>
<p>
<ac:structured-macro ac:macro-id="464b50d5-1251-415b-b82a-aa5fab24b95c" ac:name="confiform-field-definition" ac:
schema-version="1">
<ac:parameter ac:name="mapping">|id|name</ac:parameter>
<ac:parameter ac:name="fieldName">components2</ac:parameter>
<ac:parameter ac:name="fieldLabel">Components multi</ac:parameter>
<ac:parameter ac:name="values">/rest/api/2/project/JTEST/components</ac:parameter>
<ac:parameter ac:name="extras">1f170724ecd07e7d7046c26f8c71ee81</ac:parameter>
<ac:parameter ac:name="type">wsmultiselect</ac:parameter>
</ac:structured-macro>
</p>
</ac:rich-text-body>
</ac:structured-macro>
```

Storage format for the "view"

```
<ac:structured-macro ac:macro-id="5f771dae-aa58-4ee1-84c8-f7046ced1bef" ac:name="confiform-cleanview" ac:schema-
version="1">
<ac:parameter ac:name="formName">f</ac:parameter>
<ac:rich-text-body>
<p>
<ac:structured-macro ac:macro-id="906e7297-df0d-4662-968d-ae402c0e9212" ac:name="confiform-field" ac:schema-
version="1">
<ac:parameter ac:name="fieldName">components</ac:parameter>
</ac:structured-macro>
</p>
<p>Tranformation via "asArrayOfKVPairs" <ac:link>
<ri:page ri:content-title="Virtual functions" ri:space-key="CONFIFORMS"/>
</ac:link> as a bonus <ac:emoticon ac:name="smile"/>
</p>
<ac:structured-macro ac:macro-id="7b2569a0-e149-45d8-9842-2a7ee77d9e57" ac:name="code" ac:schema-version="1">
<ac:plain-text-body>[entry.components.transform(name).asArrayOfKVPairs(name)]</ac:plain-text-body>
</ac:structured-macro>
</ac:rich-text-body>
</ac:structured-macro>
```