

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

In this tutorial we show how to fill in the dropdown field with values for priorities (priority field in JIRA project)

The underlying request is as follows

<https://vertuna-test.atlassian.net/rest/api/latest/issue/createmeta?expand=projects.issueTypes.fields&projectKeys=JTEST>

With response given with the following structure:

```
{
  expand: "projects",
  projects: [
    {
      expand: "issuetypes",
      self: "https://vertuna-test.atlassian.net/rest/api/2/project/10000",
      id: "10000",
      key: "JTEST",
      name: "JTEST",
      avatarUrls: {
        48x48: "https://vertuna-test.atlassian.net/secure/projectavatar?pid=10000&avatarId=10546",
        24x24: "https://vertuna-test.atlassian.net/secure/projectavatar?size=small&pid=10000&avatarId=10546",
        16x16: "https://vertuna-test.atlassian.net/secure/projectavatar?size=xsmall&pid=10000&avatarId=10546",
        32x32: "https://vertuna-test.atlassian.net/secure/projectavatar?size=medium&pid=10000&avatarId=10546"
      },
      issuetypes: [
        {
          self: "https://vertuna-test.atlassian.net/rest/api/2/issuetype/10101",
          id: "10101",
          description: "A task that needs to be done.",
          iconUrl: "https://vertuna-test.atlassian.net/secure/viewavatar?size=xsmall&avatarId=10318&avatarType=issuetype",
          name: "Task",
          subtask: false,
          expand: "fields",
          fields: {
            summary: {
              required: true,
              schema: {
                type: "string",
                system: "summary"
              },
              name: "Summary",
              key: "summary",
              hasDefaultValue: false,
              operations: [
                "set"
              ]
            },
            issuetype: {
              required: true,
              schema: {
                type: "issuetype",
                system: "issuetype"
              },
              name: "Issue Type",
              key: "issuetype",
              hasDefaultValue: false,
              operations: [
                "set"
              ]
            }
          },
          allowedValues: [
            {
              self: "https://vertuna-test.atlassian.net/rest/api/2/issuetype/10101",
              id: "10101",
              description: "A task that needs to be done.",
              iconUrl: "https://vertuna-test.atlassian.net/secure/viewavatar?size=xsmall&avatarId=10318&avatarType=issuetype",
```

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        name: "Task",
        subtask: false,
        avatarId: 10318
    }
},
components: {
    required: false,
    schema: {
        type: "array",
        items: "component",
        system: "components"
    },
    name: "Component/s",
    key: "components",
    hasDefaultValue: false,
    operations: [
        "add",
        "set",
        "remove"
    ],
    allowedValues: [

    ]
},
description: {
    required: false,
    schema: {
        type: "string",
        system: "description"
    },
    name: "Description",
    key: "description",
    hasDefaultValue: false,
    operations: [
        "set"
    ]
},
project: {
    required: true,
    schema: {
        type: "project",
        system: "project"
    },
    name: "Project",
    key: "project",
    hasDefaultValue: false,
    operations: [
        "set"
    ],
    allowedValues: [
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/project/10000",
            id: "10000",
            key: "JTEST",
            name: "JTEST",
            projectTypeKey: "software",
            avatarUrls: {
                48x48: "https://vertuna-test.atlassian.net/secure/projectavatar?pid=10000&avatarId=10546",
                24x24: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=small&pid=10000&avatarId=10546",
                16x16: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=xsmall&pid=10000&avatarId=10546",
                32x32: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=medium&pid=10000&avatarId=10546"
            }
        }
    ]
},
reporter: {
    required: true,

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    schema: {
      type: "user",
      system: "reporter"
    },
    name: "Reporter",
    key: "reporter",
    autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/latest/user/search?username=",
    hasDefaultValue: true,
    operations: [
      "set"
    ]
  },
  fixVersions: {
    required: false,
    schema: {
      type: "array",
      items: "version",
      system: "fixVersions"
    },
    name: "Fix Version/s",
    key: "fixVersions",
    hasDefaultValue: false,
    operations: [
      "set",
      "add",
      "remove"
    ],
    allowedValues: [
      {
        self: "https://vertuna-test.atlassian.net/rest/api/2/version/10000",
        id: "10000",
        name: "Version 1.0",
        archived: false,
        released: true,
        releaseDate: "2017-02-20",
        userReleaseDate: "20/Feb/17",
        projectId: 10000
      },
      {
        self: "https://vertuna-test.atlassian.net/rest/api/2/version/10001",
        id: "10001",
        name: "Version 2.0",
        archived: false,
        released: false,
        releaseDate: "2017-03-06",
        overdue: true,
        userReleaseDate: "06/Mar/17",
        projectId: 10000
      },
      {
        self: "https://vertuna-test.atlassian.net/rest/api/2/version/10002",
        id: "10002",
        name: "Version 3.0",
        archived: false,
        released: false,
        projectId: 10000
      }
    ]
  },
  priority: {
    required: false,
    schema: {
      type: "priority",
      system: "priority"
    },
    name: "Priority",
    key: "priority",
    hasDefaultValue: true,
    operations: [
      "set"
    ]
  },

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allowedValues: [
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/1",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/highest.svg",
    name: "Highest",
    id: "1"
  },
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/2",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/high.svg",
    name: "High",
    id: "2"
  },
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/3",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/medium.svg",
    name: "Medium",
    id: "3"
  },
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/4",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/low.svg",
    name: "Low",
    id: "4"
  },
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/5",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/lowest.svg",
    name: "Lowest",
    id: "5"
  }
],
defaultValue: {
  self: "https://vertuna-test.atlassian.net/rest/api/2/priority/3",
  iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/medium.svg",
  name: "Medium",
  id: "3"
},
labels: {
  required: false,
  schema: {
    type: "array",
    items: "string",
    system: "labels"
  },
  name: "Labels",
  key: "labels",
  autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/1.0/labels/suggest?query=",
  hasDefaultValue: false,
  operations: [
    "add",
    "set",
    "remove"
  ]
},
customfield_10005: {
  required: false,
  schema: {
    type: "any",
    custom: "com.pyxis.greenhopper.jira:gh-epic-link",
    customId: 10005
  },
  name: "Epic Link",
  key: "customfield_10005",
  hasDefaultValue: false,
  operations: [
    "set"
  ]
},
customfield_10216: {

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    required: false,
    schema: {
      type: "array",
      items: "option",
      custom: "com.atlassian.jira.plugin.system.customfieldtypes:multiselect",
      customId: 10216
    },
    name: "multipultifield",
    key: "customfield_10216",
    hasDefaultValue: false,
    operations: [
      "add",
      "set",
      "remove"
    ],
    allowedValues: [
      {
        self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10102",
        value: "uno",
        id: "10102"
      },
      {
        self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10103",
        value: "duo",
        id: "10103"
      },
      {
        self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10104",
        value: "tres",
        id: "10104"
      },
      {
        self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10105",
        value: "quattro",
        id: "10105"
      }
    ]
  },
  attachment: {
    required: false,
    schema: {
      type: "array",
      items: "attachment",
      system: "attachment"
    },
    name: "Attachment",
    key: "attachment",
    hasDefaultValue: false,
    operations: [

    ]
  },
  customfield_10119: {
    required: false,
    schema: {
      type: "array",
      items: "string",
      custom: "com.pyxis.greenhopper.jira:gh-sprint",
      customId: 10119
    },
    name: "Sprint",
    key: "customfield_10119",
    hasDefaultValue: false,
    operations: [
      "set"
    ]
  },
  issuelinks: {
    required: false,
    schema: {
      type: "array",

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        items: "issuelinks",
        system: "issuelinks"
    },
    name: "Linked Issues",
    key: "issuelinks",
    autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/2/issue/picker?
currentProjectId=&showSubTaskParent=true&showSubTasks=true&currentIssueKey=null&query=",
    hasDefaultValue: false,
    operations: [
        "add"
    ]
},
assignee: {
    required: false,
    schema: {
        type: "user",
        system: "assignee"
    },
    name: "Assignee",
    key: "assignee",
    autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/latest/user/assignable/search?
project=JTEST&username=",
    hasDefaultValue: false,
    operations: [
        "set"
    ]
}
},
{
    self: "https://vertuna-test.atlassian.net/rest/api/2/issuetype/10102",
    id: "10102",
    description: "The sub-task of the issue",
    iconUrl: "https://vertuna-test.atlassian.net/secure/viewavatar?
size=xsmall&avatarId=10316&avatarType=issuetype",
    name: "Sub-task",
    subtask: true,
    expand: "fields",
    fields: {
        summary: {
            required: true,
            schema: {
                type: "string",
                system: "summary"
            },
            name: "Summary",
            key: "summary",
            hasDefaultValue: false,
            operations: [
                "set"
            ]
        },
        issuetype: {
            required: true,
            schema: {
                type: "issuetype",
                system: "issuetype"
            },
            name: "Issue Type",
            key: "issuetype",
            hasDefaultValue: false,
            operations: [

        ],
        allowedValues: [
            {
                self: "https://vertuna-test.atlassian.net/rest/api/2/issuetype/10102",
                id: "10102",
                description: "The sub-task of the issue",
                iconUrl: "https://vertuna-test.atlassian.net/secure/viewavatar?
size=xsmall&avatarId=10316&avatarType=issuetype",

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        name: "Sub-task",
        subtask: true,
        avatarId: 10316
    }
}
},
parent: {
    required: true,
    schema: {
        type: "issuelink",
        system: "parent"
    },
    name: "Parent",
    key: "parent",
    hasDefaultValue: false,
    operations: [
        "set"
    ]
},
components: {
    required: false,
    schema: {
        type: "array",
        items: "component",
        system: "components"
    },
    name: "Component/s",
    key: "components",
    hasDefaultValue: false,
    operations: [
        "add",
        "set",
        "remove"
    ],
    allowedValues: [

    ]
},
description: {
    required: false,
    schema: {
        type: "string",
        system: "description"
    },
    name: "Description",
    key: "description",
    hasDefaultValue: false,
    operations: [
        "set"
    ]
},
project: {
    required: true,
    schema: {
        type: "project",
        system: "project"
    },
    name: "Project",
    key: "project",
    hasDefaultValue: false,
    operations: [
        "set"
    ],
    allowedValues: [
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/project/10000",
            id: "10000",
            key: "JTEST",
            name: "JTEST",
            projectTypeKey: "software",
            avatarUrls: {

```

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        48x48: "https://vertuna-test.atlassian.net/secure/projectavatar?pid=10000&avatarId=10546",
        24x24: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=small&pid=10000&avatarId=10546",
        16x16: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=xsmall&pid=10000&avatarId=10546",
        32x32: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=medium&pid=10000&avatarId=10546"
    }
}
],
reporter: {
    required: true,
    schema: {
        type: "user",
        system: "reporter"
    },
    name: "Reporter",
    key: "reporter",
    autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/latest/user/search?username=",
    hasDefaultValue: true,
    operations: [
        "set"
    ]
},
fixVersions: {
    required: false,
    schema: {
        type: "array",
        items: "version",
        system: "fixVersions"
    },
    name: "Fix Version/s",
    key: "fixVersions",
    hasDefaultValue: false,
    operations: [
        "set",
        "add",
        "remove"
    ],
    allowedValues: [
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/version/10000",
            id: "10000",
            name: "Version 1.0",
            archived: false,
            released: true,
            releaseDate: "2017-02-20",
            userReleaseDate: "20/Feb/17",
            projectId: 10000
        },
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/version/10001",
            id: "10001",
            name: "Version 2.0",
            archived: false,
            released: false,
            releaseDate: "2017-03-06",
            overdue: true,
            userReleaseDate: "06/Mar/17",
            projectId: 10000
        },
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/version/10002",
            id: "10002",
            name: "Version 3.0",
            archived: false,
            released: false,
            projectId: 10000
        }
    ]
}
]

```

```

},
priority: {
  required: false,
  schema: {
    type: "priority",
    system: "priority"
  },
  name: "Priority",
  key: "priority",
  hasDefaultValue: true,
  operations: [
    "set"
  ],
  allowedValues: [
    {
      self: "https://vertuna-test.atlassian.net/rest/api/2/priority/1",
      iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/highest.svg",
      name: "Highest",
      id: "1"
    },
    {
      self: "https://vertuna-test.atlassian.net/rest/api/2/priority/2",
      iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/high.svg",
      name: "High",
      id: "2"
    },
    {
      self: "https://vertuna-test.atlassian.net/rest/api/2/priority/3",
      iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/medium.svg",
      name: "Medium",
      id: "3"
    },
    {
      self: "https://vertuna-test.atlassian.net/rest/api/2/priority/4",
      iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/low.svg",
      name: "Low",
      id: "4"
    },
    {
      self: "https://vertuna-test.atlassian.net/rest/api/2/priority/5",
      iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/lowest.svg",
      name: "Lowest",
      id: "5"
    }
  ],
  defaultValue: {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/3",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/medium.svg",
    name: "Medium",
    id: "3"
  }
},
labels: {
  required: false,
  schema: {
    type: "array",
    items: "string",
    system: "labels"
  },
  name: "Labels",
  key: "labels",
  autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/1.0/labels/suggest?query=",
  hasDefaultValue: false,
  operations: [
    "add",
    "set",
    "remove"
  ]
},
customfield_10005: {
  required: false,

```

```

    schema: {
      type: "any",
      custom: "com.pyxis.greenhopper.jira:gh-epic-link",
      customId: 10005
    },
    name: "Epic Link",
    key: "customfield_10005",
    hasDefaultValue: false,
    operations: [
      "set"
    ]
  },
  customfield_10216: {
    required: false,
    schema: {
      type: "array",
      items: "option",
      custom: "com.atlassian.jira.plugin.system.customfieldtypes:multiselect",
      customId: 10216
    },
    name: "multipultifield",
    key: "customfield_10216",
    hasDefaultValue: false,
    operations: [
      "add",
      "set",
      "remove"
    ],
    allowedValues: [
      {
        self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10102",
        value: "uno",
        id: "10102"
      },
      {
        self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10103",
        value: "duo",
        id: "10103"
      },
      {
        self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10104",
        value: "tres",
        id: "10104"
      },
      {
        self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10105",
        value: "quattro",
        id: "10105"
      }
    ]
  },
  attachment: {
    required: false,
    schema: {
      type: "array",
      items: "attachment",
      system: "attachment"
    },
    name: "Attachment",
    key: "attachment",
    hasDefaultValue: false,
    operations: [
    ]
  },
  customfield_10119: {
    required: false,
    schema: {
      type: "array",
      items: "string",
      custom: "com.pyxis.greenhopper.jira:gh-sprint",

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        customId: 10119
      },
      name: "Sprint",
      key: "customfield_10119",
      hasDefaultValue: false,
      operations: [
        "set"
      ]
    },
    issuelinks: {
      required: false,
      schema: {
        type: "array",
        items: "issuelinks",
        system: "issuelinks"
      },
      name: "Linked Issues",
      key: "issuelinks",
      autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/2/issue/picker?currentProjectId=&showSubTaskParent=true&showSubTasks=true&currentIssueKey=null&query=",
      hasDefaultValue: false,
      operations: [
        "add"
      ]
    },
    assignee: {
      required: false,
      schema: {
        type: "user",
        system: "assignee"
      },
      name: "Assignee",
      key: "assignee",
      autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/latest/user/assignable/search?project=JTEST&username=",
      hasDefaultValue: false,
      operations: [
        "set"
      ]
    }
  }
},
{
  self: "https://vertuna-test.atlassian.net/rest/api/2/issuetype/10100",
  id: "10100",
  description: "A user story. Created by JIRA Software - do not edit or delete.",
  iconUrl: "https://vertuna-test.atlassian.net/images/icons/issuetypes/story.svg",
  name: "Story",
  subtask: false,
  expand: "fields",
  fields: {
    summary: {
      required: true,
      schema: {
        type: "string",
        system: "summary"
      },
      name: "Summary",
      key: "summary",
      hasDefaultValue: false,
      operations: [
        "set"
      ]
    },
    issuetype: {
      required: true,
      schema: {
        type: "issuetype",
        system: "issuetype"
      },
      name: "Issue Type",

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    key: "issuetype",
    hasDefaultValue: false,
    operations: [

    ],
    allowedValues: [
      {
        self: "https://vertuna-test.atlassian.net/rest/api/2/issuetype/10100",
        id: "10100",
        description: "A user story. Created by JIRA Software - do not edit or delete.",
        iconUrl: "https://vertuna-test.atlassian.net/images/icons/issuetypes/story.svg",
        name: "Story",
        subtask: false
      }
    ]
  },
  components: {
    required: false,
    schema: {
      type: "array",
      items: "component",
      system: "components"
    },
    name: "Component/s",
    key: "components",
    hasDefaultValue: false,
    operations: [
      "add",
      "set",
      "remove"
    ],
    allowedValues: [

    ]
  },
  description: {
    required: false,
    schema: {
      type: "string",
      system: "description"
    },
    name: "Description",
    key: "description",
    hasDefaultValue: false,
    operations: [
      "set"
    ]
  },
  project: {
    required: true,
    schema: {
      type: "project",
      system: "project"
    },
    name: "Project",
    key: "project",
    hasDefaultValue: false,
    operations: [
      "set"
    ],
    allowedValues: [
      {
        self: "https://vertuna-test.atlassian.net/rest/api/2/project/10000",
        id: "10000",
        key: "JTEST",
        name: "JTEST",
        projectTypeKey: "software",
        avatarUrls: {
          48x48: "https://vertuna-test.atlassian.net/secure/projectavatar?pid=10000&avatarId=10546",
          24x24: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=small&pid=10000&avatarId=10546",

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        16x16: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=xsmall&pid=10000&avatarId=10546",
        32x32: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=medium&pid=10000&avatarId=10546"
    }
}
],
},
reporter: {
    required: true,
    schema: {
        type: "user",
        system: "reporter"
    },
    name: "Reporter",
    key: "reporter",
    autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/latest/user/search?username=",
    hasDefaultValue: true,
    operations: [
        "set"
    ]
},
fixVersions: {
    required: false,
    schema: {
        type: "array",
        items: "version",
        system: "fixVersions"
    },
    name: "Fix Version/s",
    key: "fixVersions",
    hasDefaultValue: false,
    operations: [
        "set",
        "add",
        "remove"
    ],
    allowedValues: [
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/version/10000",
            id: "10000",
            name: "Version 1.0",
            archived: false,
            released: true,
            releaseDate: "2017-02-20",
            userReleaseDate: "20/Feb/17",
            projectId: 10000
        },
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/version/10001",
            id: "10001",
            name: "Version 2.0",
            archived: false,
            released: false,
            releaseDate: "2017-03-06",
            overdue: true,
            userReleaseDate: "06/Mar/17",
            projectId: 10000
        },
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/version/10002",
            id: "10002",
            name: "Version 3.0",
            archived: false,
            released: false,
            projectId: 10000
        }
    ]
},
priority: {
    required: false,

```

```

schema: {
  type: "priority",
  system: "priority"
},
name: "Priority",
key: "priority",
hasDefaultValue: true,
operations: [
  "set"
],
allowedValues: [
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/1",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/highest.svg",
    name: "Highest",
    id: "1"
  },
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/2",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/high.svg",
    name: "High",
    id: "2"
  },
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/3",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/medium.svg",
    name: "Medium",
    id: "3"
  },
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/4",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/low.svg",
    name: "Low",
    id: "4"
  },
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/5",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/lowest.svg",
    name: "Lowest",
    id: "5"
  }
],
defaultValue: {
  self: "https://vertuna-test.atlassian.net/rest/api/2/priority/3",
  iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/medium.svg",
  name: "Medium",
  id: "3"
}
},
labels: {
  required: false,
  schema: {
    type: "array",
    items: "string",
    system: "labels"
  },
  name: "Labels",
  key: "labels",
  autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/1.0/labels/suggest?query=",
  hasDefaultValue: false,
  operations: [
    "add",
    "set",
    "remove"
  ]
},
customfield_10005: {
  required: false,
  schema: {
    type: "any",
    custom: "com.pyxis.greenhopper.jira:gh-epic-link",

```

```

        customId: 10005
    },
    name: "Epic Link",
    key: "customfield_10005",
    hasDefaultValue: false,
    operations: [
        "set"
    ]
},
customfield_10216: {
    required: false,
    schema: {
        type: "array",
        items: "option",
        custom: "com.atlassian.jira.plugin.system.customfieldtypes:multiselect",
        customId: 10216
    },
    name: "multipultifield",
    key: "customfield_10216",
    hasDefaultValue: false,
    operations: [
        "add",
        "set",
        "remove"
    ],
    allowedValues: [
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10102",
            value: "uno",
            id: "10102"
        },
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10103",
            value: "duo",
            id: "10103"
        },
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10104",
            value: "tres",
            id: "10104"
        },
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10105",
            value: "quattro",
            id: "10105"
        }
    ]
},
attachment: {
    required: false,
    schema: {
        type: "array",
        items: "attachment",
        system: "attachment"
    },
    name: "Attachment",
    key: "attachment",
    hasDefaultValue: false,
    operations: [

    ]
},
customfield_10119: {
    required: false,
    schema: {
        type: "array",
        items: "string",
        custom: "com.pyxis.greenhopper.jira:gh-sprint",
        customId: 10119
    },
    name: "Sprint",

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```

        key: "customfield_10119",
        hasDefaultValue: false,
        operations: [
            "set"
        ]
    },
    issuelinks: {
        required: false,
        schema: {
            type: "array",
            items: "issuelinks",
            system: "issuelinks"
        },
        name: "Linked Issues",
        key: "issuelinks",
        autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/2/issue/picker?
currentProjectId=&showSubTaskParent=true&showSubTasks=true&currentIssueKey=null&query=",
        hasDefaultValue: false,
        operations: [
            "add"
        ]
    },
    assignee: {
        required: false,
        schema: {
            type: "user",
            system: "assignee"
        },
        name: "Assignee",
        key: "assignee",
        autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/latest/user/assignable/search?
project=JTEST&username=",
        hasDefaultValue: false,
        operations: [
            "set"
        ]
    }
}
},
{
    self: "https://vertuna-test.atlassian.net/rest/api/2/issuetype/10103",
    id: "10103",
    description: "A problem which impairs or prevents the functions of the product.",
    iconUrl: "https://vertuna-test.atlassian.net/secure/viewavatar?
size=xsmall&avatarId=10303&avatarType=issuetype",
    name: "Bug",
    subtask: false,
    expand: "fields",
    fields: {
        summary: {
            required: true,
            schema: {
                type: "string",
                system: "summary"
            },
            name: "Summary",
            key: "summary",
            hasDefaultValue: false,
            operations: [
                "set"
            ]
        },
        issuetype: {
            required: true,
            schema: {
                type: "issuetype",
                system: "issuetype"
            },
            name: "Issue Type",
            key: "issuetype",
            hasDefaultValue: false,

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    operations: [
  ],
  allowedValues: [
    {
      self: "https://vertuna-test.atlassian.net/rest/api/2/issuetype/10103",
      id: "10103",
      description: "A problem which impairs or prevents the functions of the product.",
      iconUrl: "https://vertuna-test.atlassian.net/secure/viewavatar?
size=xsmall&avatarId=10303&avatarType=issuetype",
      name: "Bug",
      subtask: false,
      avatarId: 10303
    }
  ]
},
components: {
  required: false,
  schema: {
    type: "array",
    items: "component",
    system: "components"
  },
  name: "Component/s",
  key: "components",
  hasDefaultValue: false,
  operations: [
    "add",
    "set",
    "remove"
  ],
  allowedValues: [
  ]
},
description: {
  required: false,
  schema: {
    type: "string",
    system: "description"
  },
  name: "Description",
  key: "description",
  hasDefaultValue: false,
  operations: [
    "set"
  ]
},
project: {
  required: true,
  schema: {
    type: "project",
    system: "project"
  },
  name: "Project",
  key: "project",
  hasDefaultValue: false,
  operations: [
    "set"
  ],
  allowedValues: [
    {
      self: "https://vertuna-test.atlassian.net/rest/api/2/project/10000",
      id: "10000",
      key: "JTEST",
      name: "JTEST",
      projectTypeKey: "software",
      avatarUrls: {
        48x48: "https://vertuna-test.atlassian.net/secure/projectavatar?pid=10000&avatarId=10546",
        24x24: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=small&pid=10000&avatarId=10546",

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        16x16: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=xsmall&pid=10000&avatarId=10546",
        32x32: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=medium&pid=10000&avatarId=10546"
    }
}
],
},
reporter: {
    required: true,
    schema: {
        type: "user",
        system: "reporter"
    },
    name: "Reporter",
    key: "reporter",
    autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/latest/user/search?username=",
    hasDefaultValue: true,
    operations: [
        "set"
    ]
},
fixVersions: {
    required: false,
    schema: {
        type: "array",
        items: "version",
        system: "fixVersions"
    },
    name: "Fix Version/s",
    key: "fixVersions",
    hasDefaultValue: false,
    operations: [
        "set",
        "add",
        "remove"
    ],
    allowedValues: [
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/version/10000",
            id: "10000",
            name: "Version 1.0",
            archived: false,
            released: true,
            releaseDate: "2017-02-20",
            userReleaseDate: "20/Feb/17",
            projectId: 10000
        },
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/version/10001",
            id: "10001",
            name: "Version 2.0",
            archived: false,
            released: false,
            releaseDate: "2017-03-06",
            overdue: true,
            userReleaseDate: "06/Mar/17",
            projectId: 10000
        },
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/version/10002",
            id: "10002",
            name: "Version 3.0",
            archived: false,
            released: false,
            projectId: 10000
        }
    ]
},
priority: {
    required: false,

```

```

schema: {
  type: "priority",
  system: "priority"
},
name: "Priority",
key: "priority",
hasDefaultValue: true,
operations: [
  "set"
],
allowedValues: [
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/1",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/highest.svg",
    name: "Highest",
    id: "1"
  },
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/2",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/high.svg",
    name: "High",
    id: "2"
  },
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/3",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/medium.svg",
    name: "Medium",
    id: "3"
  },
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/4",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/low.svg",
    name: "Low",
    id: "4"
  },
  {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/5",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/lowest.svg",
    name: "Lowest",
    id: "5"
  }
],
defaultValue: {
  self: "https://vertuna-test.atlassian.net/rest/api/2/priority/3",
  iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/medium.svg",
  name: "Medium",
  id: "3"
}
},
labels: {
  required: false,
  schema: {
    type: "array",
    items: "string",
    system: "labels"
  },
  name: "Labels",
  key: "labels",
  autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/1.0/labels/suggest?query=",
  hasDefaultValue: false,
  operations: [
    "add",
    "set",
    "remove"
  ]
},
customfield_10005: {
  required: false,
  schema: {
    type: "any",
    custom: "com.pyxis.greenhopper.jira:gh-epic-link",

```

```

        customId: 10005
      },
      name: "Epic Link",
      key: "customfield_10005",
      hasDefaultValue: false,
      operations: [
        "set"
      ]
    },
    environment: {
      required: false,
      schema: {
        type: "string",
        system: "environment"
      },
      name: "Environment",
      key: "environment",
      hasDefaultValue: false,
      operations: [
        "set"
      ]
    },
    customfield_10216: {
      required: false,
      schema: {
        type: "array",
        items: "option",
        custom: "com.atlassian.jira.plugin.system.customfieldtypes:multiselect",
        customId: 10216
      },
      name: "multipultifield",
      key: "customfield_10216",
      hasDefaultValue: false,
      operations: [
        "add",
        "set",
        "remove"
      ],
      allowedValues: [
        {
          self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10102",
          value: "uno",
          id: "10102"
        },
        {
          self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10103",
          value: "duo",
          id: "10103"
        },
        {
          self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10104",
          value: "tres",
          id: "10104"
        },
        {
          self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10105",
          value: "quattro",
          id: "10105"
        }
      ]
    },
    attachment: {
      required: false,
      schema: {
        type: "array",
        items: "attachment",
        system: "attachment"
      },
      name: "Attachment",
      key: "attachment",
      hasDefaultValue: false,

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```
    operations: [
  ]
},
customfield_10119: {
  required: false,
  schema: {
    type: "array",
    items: "string",
    custom: "com.pyxis.greenhopper.jira:gh-sprint",
    customId: 10119
  },
  name: "Sprint",
  key: "customfield_10119",
  hasDefaultValue: false,
  operations: [
    "set"
  ]
},
versions: {
  required: false,
  schema: {
    type: "array",
    items: "version",
    system: "versions"
  },
  name: "Affects Version/s",
  key: "versions",
  hasDefaultValue: false,
  operations: [
    "set",
    "add",
    "remove"
  ],
  allowedValues: [
    {
      self: "https://vertuna-test.atlassian.net/rest/api/2/version/10000",
      id: "10000",
      name: "Version 1.0",
      archived: false,
      released: true,
      releaseDate: "2017-02-20",
      userReleaseDate: "20/Feb/17",
      projectId: 10000
    },
    {
      self: "https://vertuna-test.atlassian.net/rest/api/2/version/10001",
      id: "10001",
      name: "Version 2.0",
      archived: false,
      released: false,
      releaseDate: "2017-03-06",
      overdue: true,
      userReleaseDate: "06/Mar/17",
      projectId: 10000
    },
    {
      self: "https://vertuna-test.atlassian.net/rest/api/2/version/10002",
      id: "10002",
      name: "Version 3.0",
      archived: false,
      released: false,
      projectId: 10000
    }
  ]
},
issuelinks: {
  required: false,
  schema: {
    type: "array",
    items: "issuelinks",
```

```

        system: "issuelinks"
    },
    name: "Linked Issues",
    key: "issuelinks",
    autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/2/issue/picker?
currentProjectId=&showSubTaskParent=true&showSubTasks=true&currentIssueKey=null&query=",
    hasDefaultValue: false,
    operations: [
        "add"
    ]
},
assignee: {
    required: false,
    schema: {
        type: "user",
        system: "assignee"
    },
    name: "Assignee",
    key: "assignee",
    autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/latest/user/assignable/search?
project=JTEST&username=",
    hasDefaultValue: false,
    operations: [
        "set"
    ]
}
},
{
    self: "https://vertuna-test.atlassian.net/rest/api/2/issuetype/10000",
    id: "10000",
    description: "A big user story that needs to be broken down. Created by JIRA Software - do not edit
or delete.",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/issuetypes/epic.svg",
    name: "Epic",
    subtask: false,
    expand: "fields",
    fields: {
        summary: {
            required: true,
            schema: {
                type: "string",
                system: "summary"
            },
            name: "Summary",
            key: "summary",
            hasDefaultValue: false,
            operations: [
                "set"
            ]
        },
        issuetype: {
            required: true,
            schema: {
                type: "issuetype",
                system: "issuetype"
            },
            name: "Issue Type",
            key: "issuetype",
            hasDefaultValue: false,
            operations: [

        ],
        allowedValues: [
            {
                self: "https://vertuna-test.atlassian.net/rest/api/2/issuetype/10000",
                id: "10000",
                description: "A big user story that needs to be broken down. Created by JIRA Software - do
not edit or delete.",
                iconUrl: "https://vertuna-test.atlassian.net/images/icons/issuetypes/epic.svg",
                name: "Epic",

```

```

        subtask: false
    }
}
],
components: {
    required: false,
    schema: {
        type: "array",
        items: "component",
        system: "components"
    },
    name: "Component/s",
    key: "components",
    hasDefaultValue: false,
    operations: [
        "add",
        "set",
        "remove"
    ],
    allowedValues: [

    ]
},
description: {
    required: false,
    schema: {
        type: "string",
        system: "description"
    },
    name: "Description",
    key: "description",
    hasDefaultValue: false,
    operations: [
        "set"
    ]
},
project: {
    required: true,
    schema: {
        type: "project",
        system: "project"
    },
    name: "Project",
    key: "project",
    hasDefaultValue: false,
    operations: [
        "set"
    ],
    allowedValues: [
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/project/10000",
            id: "10000",
            key: "JTEST",
            name: "JTEST",
            projectTypeKey: "software",
            avatarUrls: {
                48x48: "https://vertuna-test.atlassian.net/secure/projectavatar?pid=10000&avatarId=10546",
                24x24: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=small&pid=10000&avatarId=10546",
                16x16: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=xsmall&pid=10000&avatarId=10546",
                32x32: "https://vertuna-test.atlassian.net/secure/projectavatar?
size=medium&pid=10000&avatarId=10546"
            }
        }
    ]
},
reporter: {
    required: true,
    schema: {
        type: "user",

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```

    system: "reporter"
  },
  name: "Reporter",
  key: "reporter",
  autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/latest/user/search?username=",
  hasDefaultValue: true,
  operations: [
    "set"
  ]
},
fixVersions: {
  required: false,
  schema: {
    type: "array",
    items: "version",
    system: "fixVersions"
  },
  name: "Fix Version/s",
  key: "fixVersions",
  hasDefaultValue: false,
  operations: [
    "set",
    "add",
    "remove"
  ],
  allowedValues: [
    {
      self: "https://vertuna-test.atlassian.net/rest/api/2/version/10000",
      id: "10000",
      name: "Version 1.0",
      archived: false,
      released: true,
      releaseDate: "2017-02-20",
      userReleaseDate: "20/Feb/17",
      projectId: 10000
    },
    {
      self: "https://vertuna-test.atlassian.net/rest/api/2/version/10001",
      id: "10001",
      name: "Version 2.0",
      archived: false,
      released: false,
      releaseDate: "2017-03-06",
      overdue: true,
      userReleaseDate: "06/Mar/17",
      projectId: 10000
    },
    {
      self: "https://vertuna-test.atlassian.net/rest/api/2/version/10002",
      id: "10002",
      name: "Version 3.0",
      archived: false,
      released: false,
      projectId: 10000
    }
  ]
},
priority: {
  required: false,
  schema: {
    type: "priority",
    system: "priority"
  },
  name: "Priority",
  key: "priority",
  hasDefaultValue: true,
  operations: [
    "set"
  ],
  allowedValues: [
    {

```

```

        self: "https://vertuna-test.atlassian.net/rest/api/2/priority/1",
        iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/highest.svg",
        name: "Highest",
        id: "1"
    },
    {
        self: "https://vertuna-test.atlassian.net/rest/api/2/priority/2",
        iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/high.svg",
        name: "High",
        id: "2"
    },
    {
        self: "https://vertuna-test.atlassian.net/rest/api/2/priority/3",
        iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/medium.svg",
        name: "Medium",
        id: "3"
    },
    {
        self: "https://vertuna-test.atlassian.net/rest/api/2/priority/4",
        iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/low.svg",
        name: "Low",
        id: "4"
    },
    {
        self: "https://vertuna-test.atlassian.net/rest/api/2/priority/5",
        iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/lowest.svg",
        name: "Lowest",
        id: "5"
    }
],
defaultValue: {
    self: "https://vertuna-test.atlassian.net/rest/api/2/priority/3",
    iconUrl: "https://vertuna-test.atlassian.net/images/icons/priorities/medium.svg",
    name: "Medium",
    id: "3"
}
},
customfield_10002: {
    required: true,
    schema: {
        type: "string",
        custom: "com.pyxis.greenhopper.jira:gh-epic-label",
        customId: 10002
    },
    name: "Epic Name",
    key: "customfield_10002",
    hasDefaultValue: false,
    operations: [
        "set"
    ]
},
labels: {
    required: false,
    schema: {
        type: "array",
        items: "string",
        system: "labels"
    },
    name: "Labels",
    key: "labels",
    autoCompleteUrl: "https://vertuna-test.atlassian.net/rest/api/1.0/labels/suggest?query=",
    hasDefaultValue: false,
    operations: [
        "add",
        "set",
        "remove"
    ]
},
customfield_10005: {
    required: false,
    schema: {

```

```

        type: "any",
        custom: "com.pyxis.greenhopper.jira:gh-epic-link",
        customId: 10005
    },
    name: "Epic Link",
    key: "customfield_10005",
    hasDefaultValue: false,
    operations: [
        "set"
    ]
},
customfield_10216: {
    required: false,
    schema: {
        type: "array",
        items: "option",
        custom: "com.atlassian.jira.plugin.system.customfieldtypes:multiselect",
        customId: 10216
    },
    name: "multipultifield",
    key: "customfield_10216",
    hasDefaultValue: false,
    operations: [
        "add",
        "set",
        "remove"
    ],
    allowedValues: [
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10102",
            value: "uno",
            id: "10102"
        },
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10103",
            value: "duo",
            id: "10103"
        },
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10104",
            value: "tres",
            id: "10104"
        },
        {
            self: "https://vertuna-test.atlassian.net/rest/api/2/customFieldOption/10105",
            value: "quattro",
            id: "10105"
        }
    ]
},
attachment: {
    required: false,
    schema: {
        type: "array",
        items: "attachment",
        system: "attachment"
    },
    name: "Attachment",
    key: "attachment",
    hasDefaultValue: false,
    operations: [

    ]
},
customfield_10119: {
    required: false,
    schema: {
        type: "array",
        items: "string",
        custom: "com.pyxis.greenhopper.jira:gh-sprint",
        customId: 10119
    }
}

```


Save

It is important to understand the structure of the response in order to understand how the dropdown field is built / mapped

Source code for the form

```
<ac:structured-macro ac:macro-id="45065969-9928-4af4-8926-cd18076a7db9" ac:name="conform" ac:schema-version="1">
  <ac:parameter ac:name="formName">f1</ac:parameter>
  <ac:rich-text-body>
    <ac:structured-macro ac:macro-id="972e30b8-5709-454c-a3d6-e93bc5f6e7eb" ac:name="conform-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>
  <p>
    <ac:structured-macro ac:macro-id="80dec9d6-432b-4f0f-b2bb-22cec7b7f209" ac:name="conform-field-definition" ac:schema-version="1">
      <ac:parameter ac:name="mapping">projects[1].issuetypes[0].fields.priority.allowedValues[id|name</ac:parameter>
      <ac:parameter ac:name="fieldName">choices</ac:parameter>
      <ac:parameter ac:name="fieldLabel">choices from jira field</ac:parameter>
      <ac:parameter ac:name="values">/rest/api/latest/issue/createmeta?expand=projects.issuetypes.fields&projectKeys=JTEST</ac:parameter>
      <ac:parameter ac:name="extras">4bb4c41a51f289a07507d50a1b841a4d</ac:parameter>
      <ac:parameter ac:name="type">wsselect</ac:parameter>
    </ac:structured-macro>
  </p>
</p>
  <ac:structured-macro ac:macro-id="7c654cc6-804f-41c2-a33c-981af412b647" ac:name="conform-field-definition" ac:schema-version="1">
    <ac:parameter ac:name="mapping">projects[1].issuetypes[0].fields.customfield_10216.allowedValues[id|value</ac:parameter>
    <ac:parameter ac:name="fieldName">somecustomfield</ac:parameter>
    <ac:parameter ac:name="fieldLabel">custom field</ac:parameter>
    <ac:parameter ac:name="values">/rest/api/latest/issue/createmeta?expand=projects.issuetypes.fields&projectKeys=JTEST</ac:parameter>
    <ac:parameter ac:name="extras">4bb4c41a51f289a07507d50a1b841a4d</ac:parameter>
    <ac:parameter ac:name="type">wsselect</ac:parameter>
  </ac:structured-macro>
</p>
</ac:rich-text-body>
</ac:structured-macro>
```

So, we take the response, and go through projects, selecting 2nd element from the array, then take issuetypes field and get the 1st element, then going down the tree to "fields", then finding "priority" field and it's "allowedValues"

```
projects[1].issuetypes[0].fields.priority.allowedValues
```



If you are using latest createmeta APIs from **Jira 9**

```
GET /rest/api/2/issue/createmeta/{projectIdOrKey}/issuetypes/{issueTypeId}
```

The root to use parameter value will be a bit different. An expression would look like this (to get values for the priority field)

```
values.(fieldId=priority).allowedValues
```

Mappings for the ID and LABEL (parameters) will be the same: id and name



Our web service connection to set to "https://vertuna-test.atlassian.net"