

# Form Element Plugin

- [Description](#)
- [Abstract Classes](#)
- [Interface Classes](#)
- [Sample Plugin](#)
- [Related Community Plugins](#)

## Description

Form Element Plugins to extend types of fields available in Form Builder

**Form Element Plugins** to extend types of fields available in Form Builder

## Abstract Classes

org.joget.apps.form.model.Element

```
// Variables
private Map<String, Object> properties;

// Abstract and Interface Methods
public String getName();

public String getDescription();

public String getVersion();

public String getLabel();

public String getClassName();

public String getPropertyOptions();

public String renderTemplate(FormData formData, Map dataModel);

// Available Methods
public Map<String, Object> getProperties();

public void setProperties(Map<String, Object> properties);

public Object getProperty(String property);

public String getPropertyString(String property);

public void setProperty(String property, Object value);

public FormLoadBinder getLoadBinder();

public void setLoadBinder(FormLoadBinder loadBinder);

public FormLoadBinder getOptionsBinder();

public void setOptionsBinder(FormLoadBinder optionsBinder);

public FormStoreBinder getStoreBinder();

public void setStoreBinder(FormStoreBinder storeBinder);
```

```
public FormValidator getValidator();

public void setValidator(FormValidator validator);

public Collection<Element> getChildren();

public void setChildren(Collection<Element> children);

public Element getParent();

public void setParent(Element parent);

public String getCustomParameterName();

public String getPrimaryKeyValue(FormData formData);

public Boolean hasError(FormData formData);

// Available Methods for overridepublic FormData formatDataForValidation(FormData
formData);
public Boolean selfValidate(FormData formData);

public FormRowSet formatData(FormData formData);

public boolean continueValidation(FormData formData);

public Collection<String> getDynamicFieldNames();
```

```
public Boolean isAuthorize(FormData formData);
```

## Interface Classes

org.joget.apps.form.model FormBuilderPaletteElement

- To list the Form Element plugin in Form Builder

```
// Interface Methods  
public String getFormBuilderCategory();  
  
public int getFormBuilderPosition();  
  
public String getFormBuilderIcon();
```

## Sample Plugin

- [Protected Text Field](#)

## Related Community Plugins

- [Check Box](#)
- [Custom HTML](#)
- [Date Picker](#)
- [File Upload](#)
- [Grid](#)
- [Hidden Field](#)
- [Id Generator Field](#)
- [Password Field](#)
- [Radio](#)
- [Select Box](#)
- [Sub Form](#)
- [Text Area](#)
- [Text Field](#)