

# Copy of Referencing classes in configuration via aliases

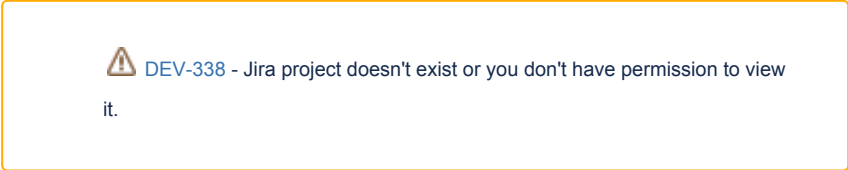
## Introduction (copied from [Referencing Fields by their names instead of Fully Qualified Classname](#))

Currently one has to type fully qualified classname in order to define a field in any configuration such as

```
class: info.magnolia.ui.form.field.definition.TextFieldDefinition
```

However, fully qualified classnames are hard to remember and verbose. If we were to simplify/reduce the verbosity from the configuration, our configuration files would look much nicer and compact as well as it wouldn't be a hassle to remember which definition is coming from which class and


hence its fully qualified class name. The ticket of



DEV-338 - Jira project doesn't exist or you don't have permission to view it.

is

created to tackle this problem and

 [MGNLUI-3882](#) - Reference fields by name as well as by fully qualified classname CLOSED to implement it.

Perhaps for the time being it may seem like we are only targeting fields, however, the solution which comes up from the discussion regarding the fields should/could be applied relatively easily to the other parts of Magnolia configuration such as actions.

## Possible solution at the component provider level

### Configuration

```
<components>
  <id>main</id>

  <type-mapping>
    <type>info.magnolia.ui.form.field.definition.TextFieldDefinition</type>
    <alias>textfield</alias>
  </type-mapping>
</components>
```

## Required changes

1. Add method to resolve alias to [Component provider](#)
2. Adjust [M2B](#) and [N2B](#).
3. Add alias property to [TypeMappingDefinition](#)

## Tooling

We currently don't have any tooling for module its components/implementations definitions so we could tackle this at the same time.

although I don't see a problem even without a tooling for now if we document it (in the end it's just alias per field [here](#)).