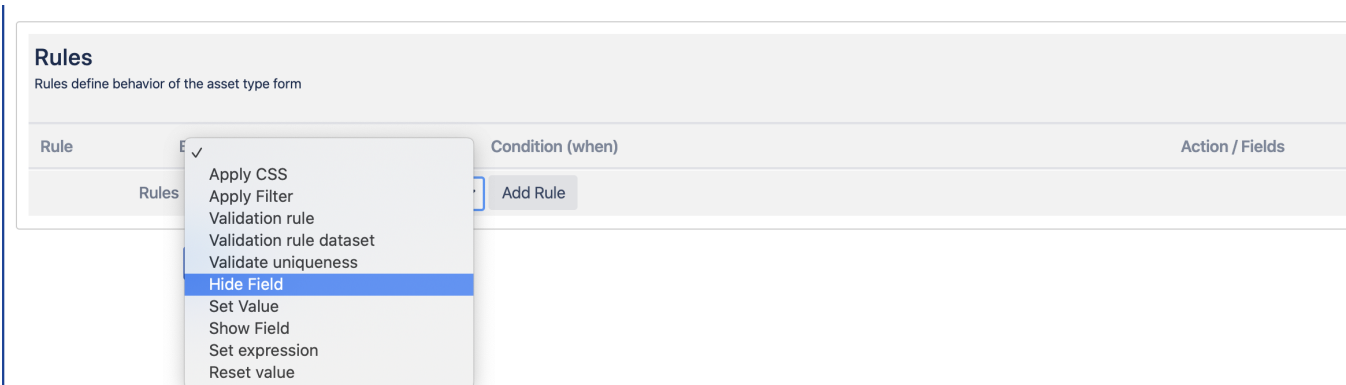


How to setup asset type field rules

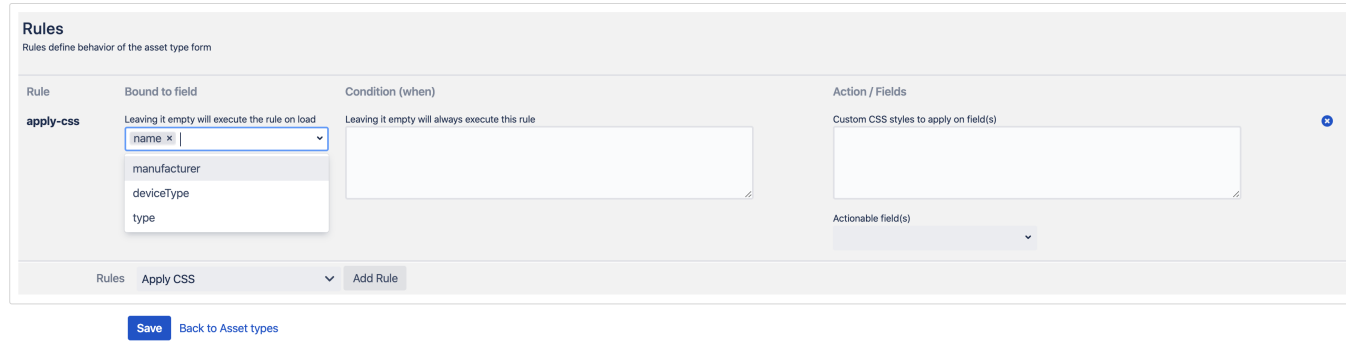
Asset type rules are part of advanced asset type configuration (See more on creating asset types here - [How to create an asset type](#)).

You can define the following rules types for your asset type

- *Apply CSS*
- *Apply Filter* - see detailed example on setting this up here: [How to setup asset type field Apply Filter rule](#)
- *Validation rule*
- *Validation rule dataset*
- *Validate uniqueness*
- *Hide field*
- *Set Value*
- *Show Field*
- *Set expression*
- *Reset value*



Let's consider the following screenshot

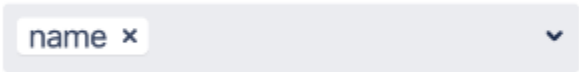


First column tells us what "rule" this is

Then, the second column asks us if this rule should be bound to some field (or fields) changes or should be loaded when asset type form is loaded

Rules can be bound to field changes or can be loaded only on form load

Leaving it empty will execute the rule on load



Bound to field change:

Leaving it empty will execute the rule on load



Executed on form load:

Validation rules are applied on submit

Some rules cannot be bound to field changes and executed on submit

The third column expects us to write a condition when this rule shall be executed. [AssetForms filters](#) is expected. Leaving this empty means that the rule will be always executed (either on form load or on every change in the field's value it is bound to)

The forth column depends on the rule type you are using. In this specific example it expects you to give CSS3 styles that will be applied on the field (or fields) selected in "Actionable field(s)" dropdown

More complete example below

Rules

Rules define behavior of the asset type form

Rule	Bound to field	Condition (when)	Action / Fields
apply-css	Leaving it empty will execute the rule on load deviceType x	Leaving it empty will always execute this rule deviceType:mouse	Custom CSS styles to apply on field(s) color:red Actionable field(s) name x

Rules Apply CSS Add Rule

Save Back to Asset types

Below you can see couple of screenshots demonstrating example configurations for various rules

Rules

Rules define behavior of the asset type form

Rule	Bound to field	Condition (when)	Action / Fields
validate	Validation rules are applied on submit	Leaving it empty will always execute this rule <input type="text" value="manufacturer:Apple and !monitor:*Apple*"/>	Message to show when validation rule matches <input type="text" value="Please choose Apple monitor for Apple computer"/>
validate-dataset	Validation rules are applied on submit	Leaving it empty will always execute this rule <input type="text" value="manufacturer:Apple and !_count>10"/>	Message to show when validation rule matches <input type="text" value="No more Apple computers are allowed"/>
validate-uniqueness	Validation rules are applied on submit	Leaving it empty will always execute this rule <input type="text" value="!name:[empty] and !manufacturer:[empty]"/>	Error message to show when another record with the same values exists <input type="text" value="Computer with such name and manufacturer already exists!"/> Field names to be used to construct unique key (Comma-separated list of fields to construct a key) <input type="text" value="name,manufacturer"/>
hide-field	Leaving it empty will execute the rule on load <input type="text" value="name"/>	Leaving it empty will always execute this rule <input type="text" value="name:*laptop*"/>	Select fields to hide <input type="text" value="monitor"/>
show-field	Leaving it empty will execute the rule on load <input type="text" value="name"/>	Leaving it empty will always execute this rule <input type="text" value="!name:*laptop*"/>	Select fields to show <input type="text" value="monitor"/>
set-value	Leaving it empty will execute the rule on load <input type="text"/>	Leaving it empty will always execute this rule <input type="text" value="manufacturer:Apple"/>	Set values as key=value pairs, separated by & (as request parameters). Where "key" is field name and "value" is the value you want to set. You can use reference to other fields, via {entry.field_name} as usual. <input type="text" value="name=Apple computer"/>
set-expression	Leaving it empty will execute the rule on load <input type="text" value="stockNumber"/> <input type="text" value="manufacturer"/>	Leaving it empty will always execute this rule <input type="text" value="!stockNumber:[empty] and !manufacturer:[empty]"/>	Set values as key=value pairs, separated by & (as request parameters). Where "key" is field name and "value" is the value you want to set. You can use reference to other fields, via {entry.field_name} as usual. Expression must begin from opening bracket "(" and end with closing bracket ";". <input type="text" value="name=(CONCAT('{entry.stockNumber}', '{entry.manufacturer}'))"/>
reset-value	Leaving it empty will execute the rule on load <input type="text"/>	Leaving it empty will always execute this rule <input type="text" value="manufacturer:Dell"/>	Select fields to reset <input type="text" value="name"/>

Rules

Add Rule

Save

Back to Asset types

Important! The order of rules execution is the same as you define the in the asset type. Of course if they match the conditions / events. Same applies to validation rules (executed on submission in the order you have configured them)