

# Settings schema and allowed validators

## Internal FieldType conventions and best practices

FieldType->\$settingsSchema and FieldType->\$allowedValidators are intentionally left free-form, to give broadest freedom to FieldType developers. However, for internal FieldTypes (aka those delivered with eZ Publish), a common standard should be established as best practice. The purpose of this page is to collect and unify this standard.

### Settings schema

The general format of the settings schema of a FieldType is a hashmap of setting names, assigned to their type and default value, e.g.:

```
array(  
  'myFancySetting' => array(  
    'type' => 'int',  
    'default' => 23,  
  ),  
  'myOtherFancySetting' => array(  
    'type' => 'string',  
    'default' => 'Sindelfingen',  
  ),  
);
```

The type should be either a valid PHP type shortcut (TB discussed) or one of the following special types:

- Hash (a simple hash map)
- Choice (an enumeration)
- <<<YOUR TYPE HERE>>>

### Validators

Validators are internally handled through a special ValidatorService ... (TBD: Explain service and how it works)

The following validators are available and carry the defined settings ... (TBD: Collect validators and their settings)