

# Request For Feature

## Features

### 1. Configuration arrays with auto typization - (DONE)

The idea is automatic configuration of properties defined as arrays of primitive java types (e.g. String[], long[], boolean[]). The configuration syntax should be native (if supported) for the particular configuration file format or comma separated values string (CSV).

#### Configuration syntax proposition

JSON

Native:

```
arrayProperty: [val1, val2, val3]
```

CSV:

```
arrayProperty: "val1, val2, val3"
```

NOTE: CSV is partly supported for String arrays

XML

Native:

```
<arrayProperty>  
<value>val1</value>  
<value>val2</value>  
<value>val3</value>  
</arrayProperty>
```

CSV:

```
<arrayProperty>val1, val2, val3</arrayProperty>
```

Properties File

Native:

*Not supported*

CSV:

```
arrayProperty=val1, val2, val3
```

Examples

### Configurable object - DistributionConfig.java

```
@ConfigreMe(name="distribution.json")
DistributionConfig{
    ....
    /**
     * Defines distributed parts
     */
    @Configure private String[] parts;

    /**
     * Defines distribution as calls ratio to each instance
     */
    @Configure private int[] ratio;
    ....
}
```

### JSON configuration - distribution.json

```
{
    ratio:["part1","part2","part3","part4"],
    ratio:[1,7,3,5]
}
```