

# Template for Sample Configuration Files

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## Document Change Log

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1	02-11-06	First draft issued	Maciej Glowiak
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2.3	13-11-06	Added descriptions, changed structure of sample files	Maciej
2.4	13-11-06	Added clear MUST/MAY/CAN words, slightly modified the template to fit with the general idea	Loukik
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## 1. Introduction

This document provides a specification for preparation service configuration files. It describes obligatory parts of the configuration files that should be specified and provides a template for a description of such configuration files that are required for running the service. This template **MUST** be filled by a service developer. Such description will detail all fields used within the file and will help the developers and users to properly configure and run the service.

## 2. Naming convention to be followed for your documents

property-name	=	The name of the property; multiple-word-properties SHOULD be separated by „-“ sign.
component-name	=	The name of the component;
class-name	=	Java class name (with package name, separated by dots)

## 3. The *service.properties* file

This file is required for service configuration. It contains all settings and options used by the service.

### 3.1. *Explanation of Template for sample service.properties file*

This section describes how to fill the `service.properties` configuration file template. It specifies which information should be provided and in what format.

#### 3.1.1. Header

##### **Service Name**

You **MUST** specify your service name here.

You **MUST** use the following Naming convention:

```
<unique_service_name>_Type_<service_type>-  
                                <service_version>
```

Example: RRD-Type\_MA\_1.1

## **Service Type**

You MUST specify service type here

## **Version/release**

You MUST specify version number or bundle/suite

## **Service Description**

You MUST provide some description of your service

## **Contact person (s)**

You MAY specify a contact person(s) for this service so that other users can contact in case of questions.

## **Contact Information**

You MUST specify some contact (preferably e-mail address) either with the above contact person or with your organisation.

## **Document change log**

You MUST write the date of creating this document with change description. You MUST update this field each time you update this specification.

### **3.1.2. Properties**

**<property-name>**

#### **Mandatory: Yes/No**

You MUST specify Yes if <property-name> if this option is required; otherwise choose No

#### **Description**

You MUST specify what this setting is responsible for and how it works

#### **Possible Values**

You MUST Specify possible values. If there are too many values of <property-name>, you CAN specify at least a wider description of possible values (such as: „it should contain valid URL”)

#### **Default value**

Specify what is default value

#### **Constraints (formatting, etc) on values**

You MUST specify any constraints and formatting on values. You may also describe interferences between properties here (e.g. „if X property is

'HTTP', <property-name> must be valid URL beginning from 'HTTP://.'")

### **Error Information if property is missing/wrong value**

You MUST describe what will happen if the property is missing or has a wrong value, what error may be shown to the user? how can a user running application diagnose where the problem is?

### **3.1.3. Other Information**

This part MAY contain any other information that may be of help to the user.

### **3.1.4. Examples**

This section MUST contain one or more examples for each of the configuration file. This will help in better understanding of the configuration file.

## **3.2. *Template for sample service.properties file***

-- Beginning of the template --

**Service Name:** <service-name>

**Service Type:** <service-type>

**Version/release:** <service-version>

**Service Description:** <service-description>

**Contact person (s):** <contact-person>

**Contact Information:** <contact-information>

**Document change log:** <change-log-entry>

**<property-name1>**

**Mandatory**

<Yes/No>

**Description**

<description-of-property-name1>

**Possible Values**

<possible-values-for-property-name1>

**Default Value**

<default-value-for-property-name1>/None

**Constraints**

<constraints-for-property-name1>/None

**Error Information if property missing/has wrong value**

<error-information>

**<property-name2>****Mandatory**

<Yes/No>

**Description**

<description-of-property-name2>

**Possible Values**

<possible-values-for-property-name2>

**Default Value**

<default-value-for-property-name2>/None

**Constraints**

<constraints-for-property-name2>/None

**Error Information if property missing/has wrong value**

<error-information>

**<property-namex>**

.....  
**Other Information**  
**<other-information>**

-- End of template --



## 4. The *components.properties* file

### 4.1. *Explanation of Template for sample components.properties file*

This section describes how to fill the `components.properties` configuration file template. It specifies which information should be provided and in what format.

#### 4.1.1. Header

##### **Service Name**

You MUST specify service name here

##### **Service Type**

You MUST specify service type here

##### **Version/release**

You MUST specify version number or bundle/suite

##### **Service Description**

You MUST provide some description of your service

##### **Contact person (s)**

You MAY specify a contact person(s) for this service so that other users can contact in case of questions.

##### **Contact Information**

You MUST specify some contact (preferably e-mail address) either with the above contact person or with your organisation.

##### **Document change log**

You MUST write the date of creating this document with change description. You MUST update this field each time you update this specification.

#### 4.1.2. Properties

<component-name>:<class-name>

##### **Mandatory: Yes/No**

You MUST specify Yes if this component is required; otherwise choose No

### **Description**

Specify what this component is used for.

### **Possible Values**

You **MUST** specify possible known values for this component (i.e. <class-name>).

### **Default value**

You **MUST** specify a default value

### **Constraints (formatting, etc) on values**

You **MUST** specify the constraint (i.e. case sensitivity, etc)

### **Error Information if property is missing/wrong value**

You **MUST** describe what will happen if the component is missing or has a wrong value.

#### **4.1.3. Other Information**

This part **MAY** contain any other information that may be of help to the user.

#### **4.1.4. Examples**

This section **MUST** contain one or more examples for each of the configuration file. This will help in better understanding of the configuration file, especial

4.1.5.

#### **4.2. *Template for sample components.properties file***

-- Beginning of template --

**Service Name:** <service-name>

**Service Type:** <service-type>

**Version/release:** <service-version>

**Service Description:** <service-description>

**Contact person (s):** <contact-person>

**Contact Information:** <contact-information>

**Document change log:** <change-log-entry>

**<component-name1>:<class.Name.1>**

**Mandatory**

<Yes/No>

**Description**

<description-of-component-name1>

**Possible Values**

<possible-values-for-class.name.1>

**Defalut Value**

<default-class.name.1-value-for-component-name1>

**Constraints**

<constraints-on-class.name.1-value>/None

**Error Information if property missing/has wrong value**

<error-information>

**<component-name2>:<class.Name.2>**

**Mandatory**

<Yes/No>

**Description**

<description-of-component-name2>

**Possible Values**

<possible-values-for-class.name.2>

**Default Value**

<default-class.name.1-value-for-component-name2>

**Constraints**

<constraints-on-class.name.2-value>/None

**Error Information if property missing/has wrong value**

<error-information>

<component-name>:<class.Name.x>

...

**Other Information**

<other-information>

-- end of template --

## 5. All other property files

### 5.1. *Explanation of Template for any other (XYZ) sample property file*

This section describes how to fill the XYZ configuration file template. It specifies which information should be provided and in what format.

#### 5.1.1. Header

##### **Service Name**

You MUST specify service name here

##### **Service Type**

You MUST specify service type here

##### **Version/release**

You MUST specify version number or bundle/suite

##### **Service Description**

You MUST provide some description of your service

##### **Contact person (s)**

You MAY specify a contact person(s) for this service so that other users can contact in case of questions.

##### **Contact Information**

You MUST specify some contact (preferably e-mail address) either with the above contact person or with your organisation.

##### **Document change log**

You MUST write the date of creating this document with change description. You MUST update this field each time you update this specification.

#### 5.1.2. Properties

`<property-name> : <property-value>`

##### **Mandatory: Yes/No**

You MUST specify Yes if `<property-name>` if this option is required; otherwise choose No

## **Description**

You **MUST** specify what this settings is responsible for and how it works

## **Possible Values**

You **MUST** Specify possible values. If there are too many values of `<property-name>`, you **CAN** specify a wider description of possible values (such as: „it should contain valid URL”)

## **Default value**

Specify what is default value

## **Constraints (formatting, etc) on values**

You **MUST** specify constraints and formatting. You may also describe interferences between properties here (e.g. „*if X property is 'HTTP', <property-name> value must be valid URL beginning from 'HTTP://'.*”)

## **Error Information if property is missing/wrong value**

You **MUST** describe what may happen if the property is missing or has wrong value. What error may be shown to the user? How user running application may diagnose where problem is?

### **5.1.3. Other Information**

This part **MAY** contain any other information that may be of help to the user.

### **5.1.4. Examples**

This section **MUST** contain one or more examples for each of the configuration file. This will help in better understanding of the configuration file, especial 5.1.5.

### **5.2. *Template for any other sample property file***

-- Beginning of the template --

**Service Name:** <service-name>  
**Service Type:** <service-type>  
**Version/release:** <service-version>  
**Service Description:** <service-description>  
**Contact person (s):** <contact-person>  
**Contact Information:** <contact-information>  
**Document change log:** <change-log-entry>

**<property-name1>**

**Mandatory**

<Yes/No>

**Description**

<description-of-property-name1>

**Possible Values**

<possible-values-for-property-name1>

**Default Value**

<default-value-for-property-name1>/None

**Constraints**

<constraints-for-property-name1>/None

**Error Information if property missing/has wrong value**

<error-information>

**<property-name2>**

**Mandatory**

<Yes/No>

**Description**

<description-of-property-name2>

**Possible Values**

<possible-values-for-property-name2>

**Default Value**

<default-value-for-property-name2>/None

**Constraints**

<constraints-for-property-name2>/None

**Error Information if property missing/has wrong value**

<error-information>

<property-namex>

.....

**Other Information**

<other-information>

-- End of template --