* [Zu Inhalt springen](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1" \l "title-heading)
* [Zu Breadcrumbs springen](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#breadcrumbs)
* [Zu Überschriftmenü springen](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#header-menu-bar)
* [Zu Aktionsmenü springen](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#navigation)
* [Zu Schnellsuche springen](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#quick-search-query)

[Linked Applications](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#app-switcher)

[Confluence](http://development:8080/)

* [Bereiche](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#space-menu-link-content)

* [People](http://development:8080/browsepeople.action)

* [**Create**](http://development:8080/pages/createpage.action?spaceKey=4SPM&fromPageId=14975283&src=quick-create) **[Create](http://development:8080/pages/createpage.action?spaceKey=4SPM&fromPageId=14975283" \o "Create from template)**

Formularbeginn

Schnellsuche

Formularende

* [Hilfe](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1)

**[0](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1" \o "Öffne Benachrichtigungen ('g' eingeben dann 'n'))**

[[](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1)](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1" \o "André Rochlitz)

[4flow software process management](http://development:8080/display/4SPM/4flow+software+process+management?src=sidebar)

[4flow software process management](http://development:8080/display/4SPM/4flow+software+process+management?src=sidebar)

* [**Pages**](http://development:8080/collector/pages.action?key=4SPM&src=sidebar-pages)
* [Blog](http://development:8080/pages/viewrecentblogposts.action?key=4SPM&src=sidebar-blogs)

**SPACE SHORTCUTS**

* [Anleitungsartikel](http://development:8080/display/4SPM/Anleitungsartikel?src=spaceshortcut)

**PAGE TREE**

* + [Anleitungsartikel](http://development:8080/display/4SPM/.Anleitungsartikel+v0.1?src=contextnavpagetreemode)
  + [ASPICE Conformity](http://development:8080/display/4SPM/ASPICE+Conformity?src=contextnavpagetreemode)
    - [ASPICE Chapters](http://development:8080/display/4SPM/ASPICE+Chapters?src=contextnavpagetreemode)
      * [ENG.4 Software Requirements Analysis](http://development:8080/display/4SPM/.ENG.4+Software+Requirements+Analysis+v0.1?src=contextnavpagetreemode)
      * [ENG.5 Software Design](http://development:8080/display/4SPM/.ENG.5++Software+Design+v0.1?src=contextnavpagetreemode)
      * [ENG.6 Software Construction](http://development:8080/display/4SPM/.ENG.6+Software+Construction+v0.1?src=contextnavpagetreemode)
      * [ENG.7 Software Integration Test](http://development:8080/display/4SPM/.ENG.7+Software+Integration+Test+v0.1?src=contextnavpagetreemode)
      * [ENG.8 Software Testing](http://development:8080/display/4SPM/.ENG.8+Software+Testing+v0.1?src=contextnavpagetreemode)
      * [MAN.3 Project Management](http://development:8080/display/4SPM/.MAN.3+Project+Management+v0.1?src=contextnavpagetreemode)
      * [SUP.8 Configuration Management](http://development:8080/display/4SPM/.SUP.8+Configuration+Management+v0.1?src=contextnavpagetreemode)
      * [SUP.9 Problem Resolution Management](http://development:8080/display/4SPM/SUP.9+Problem+Resolution+Management?src=contextnavpagetreemode)
      * [SUP.10 Change Request Management](http://development:8080/display/4SPM/.SUP.10+Change+Request+Management+v0.1?src=contextnavpagetreemode)
    - [ASPICE Literature](http://development:8080/display/4SPM/.ASPICE+Literature+v0.1?src=contextnavpagetreemode)
    - [ASPICE -Literature](http://development:8080/display/4SPM/.ASPICE++-Literature+v0.1?src=contextnavpagetreemode)
  + [Glossary](http://development:8080/display/4SPM/.Glossary+v0.1?src=contextnavpagetreemode)
  + [Process Model](http://development:8080/display/4SPM/Process+Model?src=contextnavpagetreemode)
    - [01\_Core Process](http://development:8080/display/4SPM/.01_Core+Process+v0.1?src=contextnavpagetreemode)
    - [02\_JIRA Process](http://development:8080/display/4SPM/.02_JIRA+Process+v0.1?src=contextnavpagetreemode)
    - [Alert Notifications](http://development:8080/display/4SPM/.Alert+Notifications+v0.1?src=contextnavpagetreemode)
    - [Architecture Development Process Model & Architecture Board](http://development:8080/pages/viewpage.action?pageId=14975168&src=contextnavpagetreemode)
    - [**Configuration Management Process**](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1?src=contextnavpagetreemode)
      * [Software Configuration Management Strategy](http://development:8080/display/4SPM/.Software+Configuration+Management+Strategy+v0.1?src=contextnavpagetreemode)
    - [Continuous Integration Process Model](http://development:8080/display/4SPM/Continuous+Integration+Process+Model?src=contextnavpagetreemode)
    - [Document and Process Responsibilities](http://development:8080/display/4SPM/.Document+and+Process+Responsibilities+v0.1?src=contextnavpagetreemode)
    - [Effort & Resource Management](http://development:8080/pages/viewpage.action?pageId=14975006&src=contextnavpagetreemode)
    - [Project Management Approach](http://development:8080/display/4SPM/Project+Management+Approach?src=contextnavpagetreemode)
    - [Reporting](http://development:8080/display/4SPM/.Reporting+v0.1?src=contextnavpagetreemode)
    - [Requirement Maintanence](http://development:8080/display/4SPM/Requirement+Maintanence?src=contextnavpagetreemode)
    - [Review Process](http://development:8080/display/4SPM/Review+Process?src=contextnavpagetreemode)
    - [Software Development Process Model](http://development:8080/display/4SPM/Software+Development+Process+Model?src=contextnavpagetreemode)
    - [Test Process](http://development:8080/display/4SPM/.Test+Process+v0.1?src=contextnavpagetreemode)
  + [Process Rollout](http://development:8080/display/4SPM/.Process+Rollout+v0.1?src=contextnavpagetreemode)

ConfigureSpace tools

[0.1](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1)

* [Miscellaneous](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1)
* [Bearbeiten](http://development:8080/pages/editpage.action?pageId=14975283&targetVersionId=C0A8210A015F57C1DD128B477641747A)
* [Favorit](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1)
* [Beobachtung](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1)
* [Versions](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1)
* [Share](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1)

1. [Seiten](http://development:8080/collector/pages.action?key=4SPM&src=breadcrumbs-collector)
2. [4flow software process management](http://development:8080/display/4SPM/.4flow+software+process+management+v0.1)
3. [Process Model](http://development:8080/display/4SPM/Process+Model" \o "Process Model)

[Zum Ende des Banners springen](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#page-banner-end)

[Zum Anfang des Banners springen](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#page-banner-start)

[Configuration Management Process](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1)

[Zum Ende der Metadaten springen](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#page-metadata-end)

* Angelegt von [André Rochlitz](http://development:8080/display/~a.rochlitz), zuletzt geändert [vor Kurzem](http://development:8080/pages/diffpagesbyversion.action?pageId=14975283&selectedPageVersions=12&selectedPageVersions=13)
* Seite hinzugefügt in [**Version 0.1**](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1)

[Zum Anfang der Metadaten](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#page-metadata-start)

 Content

* 1[Content](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#id-.ConfigurationManagementProcessv0.1-Content)
* 2[Introduction](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#id-.ConfigurationManagementProcessv0.1-Introduction)
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* 5[Configuration Item Types](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#id-.ConfigurationManagementProcessv0.1-ConfigurationItemTypes)
* 6[CM and Related Process Roles](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#id-.ConfigurationManagementProcessv0.1-CMandRelatedProcessRoles)
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* 9[Definition and Identification of Configuration Items](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#id-.ConfigurationManagementProcessv0.1-DefinitionandIdentificationofConfigurationItems)
  + 9.1[Work Products from Processes](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#id-.ConfigurationManagementProcessv0.1-WorkProductsfromProcesses)
    - 9.1.1[Products](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1#id-.ConfigurationManagementProcessv0.1-Products)

Introduction

Konfigurationsmanagement ist ein Managementprozess zur Herstellung und   
Erhaltung einer Übereinstimmung der Produktleistungen sowie der funktiona-  
len und physikalischen Eigenschaften des Produkts.

Springer: 100 Minuten für Konfigurationsmanagement

**Configuration management** (**CM**) is a [systems engineering](https://en.wikipedia.org/wiki/Systems_engineering) process for establishing and maintaining consistency of a product's performance, functional, and physical attributes with its requirements, design, and operational information throughout its life.[[](https://en.wikipedia.org/wiki/Configuration_management#cite_note-1)

<https://en.wikipedia.org/wiki/Configuration_management>

Planning CM Introduction

| **Step** | **Detail** |
| --- | --- |
| 1. Definition and Identification of Configuration Items | CM policy for CI (documentation, relations ..) |
| 2. Planning and Structuring of CMDB | * service vector/tree |
| 3. Monitoring of CI life cycle | * service catalog * service description * SLA * OLA * UC (underpinning contract) |
| 4. Verify Is and It | * difference increment (use change mgmt. to change it) |
| 5. Reporting | * service KPI's * continuous improvement for configuration management |

Related / Sub Processes

1. Versionsmanagement of CI
2. Build-Management
3. Change-Management of CI
4. Release-Management of CI

Configuration Item Types

* A physical entity, such as a computer or router
* A logical entity, such as an instance of a database
* Conceptual, such as a Requisition Service
* Documents: specification and contracts
* Network: switches, cabel, router
* Software: office, exchange ...

CM and Related Process Roles

* configuration manager (or project manager)
* release manager  (or project manager)
* change manger  (or project manager)

 Task configuration manager

* responsible for product config
* creates cm plans
* coordinates processe with stakeholder
* creates reports & presentations
* supports and administrates cm system

KM interacts with

|  |  |
| --- | --- |
| Literature | 4flow |
| Release Management | project management ? |
| Change Management | agile Software Development Process |
| Version Management | ?? |
| Build Management | agile Software Development Process |
|  |  |

Definition and Identification of Configuration Items

Work Products from Processes

**Products**

| **Typ** | **Product** | **Contact Person** | **CI** |
| --- | --- | --- | --- |
| IDE | Eclipse |  |  |
| UML | Sparx Enterprise Architect |  |  |
| Analyse Tool | JProfiler |  |  |
| Artefact Repo | Nexus |  |  |
| JEE platform | Red Hat Wildfly |  |  |
| Code Review | Upsource |  |  |
| Test Management | Aqua |  |  |
| Continuous Integration | Jenkins   * build jobs * test jobs * report jobs * jenkins server configuration? |  |  |
| Documentation, Specifcation 4flow development | Confluence |  |  |
| Project Management, Requirements | JIRA issue requirements |  |  |
| Software Development Process Modell | [Development Process in confluence](http://development:8080/pages/createpage.action?spaceKey=~a.rochlitz&title=Software+Development+Process+Model) |  |  |
| Source Code Git | Specification, Implementation |  |  |
| Java Runtime | Java 1.8 JDK |  |  |
| DB | Derby, MySQL |  |  |
| Office Tools (ppt, word, excel, mail) & Collaboration | Exchange Server, Office Licenses |  |  |
| chat | cisco jabber |  |  |
| *Intranet CMS* | *TYPO 3* |  |  |
| VPN | Cisco VPN Infrastructure |  |  |
| Infrastructure   * Hardware * Hypervisor * Linux OS * Windows Licences | ?? - IT Services?, Herbst |  |  |
| Virtualization | Docker |  |  |
| Workstation | * Hardware rent * licenses windows ? |  |  |
| 3rd party libs | software, installer , 3rd party? |  |  |
|  |  |  |  |
|  |  |  |  |
| Server os | Linux |  |  |
| Client OS | Windows |  |  |
| Browser | Firefox, Chrome |  |  |
| Underpinning Contracts - Herbst - IT infrastructure for production | ?? |  |  |
| Customer Contracts with SLA .. | ?? |  |  |

[Gefällt mir](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1)Sei der Erste, dem dies gefällt.

* No labels
* [Edit Labels](http://development:8080/display/4SPM/.Configuration+Management+Process+v0.1)

[Benutzersymbol: Ein Bild von Ihnen selbst hinzufügen](http://development:8080/users/profile/editmyprofilepicture.action)

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* [Atlassian-News](http://www.atlassian.com/about/connected.jsp?s_kwcid=Confluence-stayintouch)

[Atlassian](http://www.atlassian.com/)