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Template:EcosystemRelease/Component



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A quality version of this page, approved on 17 November 2021, was based off this revision.

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## 1 Usage

The EcosystemRelease/Component template returns **the version of a software component** delivered by an ecosystem release revision of the flow associated with this wiki (e.g. v1.y.z ,or v2.y.z, or...).

```
Usage: {{EcosystemRelease/Component | revision=<revision> | component=<component> | name=<name>}}
```

Where:

- **<revision>** is the **mandatory** revision of the ecosystem release, for which the version of the software component is requested.
  - The possible values for this parameter are available in the EcosystemRelease/Revision template.
- **<component>** is the **mandatory** software component delivered by the ecosystem release revision, for which the version of the component is requested. The possible values are:
  - Linux kernel
  - U-Boot
  - TF-A
  - OP-TEE
  - STM32CubeMPU
  - OpenEmbedded
  - Android
- **<name>** is the **optional** parameter that allows to select the way the version name is displayed. Per default (if **<name>** is not set), the long board name (e.g; "Linux kernel vx.y-stm32mp-[...] (vx.y.z)") is displayed. The possible value for **<name>** is:
  - **short**: the short version name (e.g. "x.y") is displayed

The returned value is:

- a string that contains the version of the software component delivered by the ecosystem release revision.
- an empty string, if the software component is not delivered by the ecosystem release revision.
- "unknown revision", if **<<revision>** is not supported.
- "unknown component", if **<<component>** is not supported.



## 2 Basic examples

You type	You get
<p>All components for the v3.1.0 revision requested</p> <pre> Long version names:&lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=Linux kernel}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=U-Boot }}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=TF-A}} &lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=OP-TEE }}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=STM32CubeMPU}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=OpenEmbedded}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=Android}} Short version names:&lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=Linux kernel   name=short}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=U-Boot   name=short}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=TF-A   name=short}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=OP-TEE   name=short}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=STM32CubeMPU   name=short}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=OpenEmbedded   name=short}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.1.0   component=Android   name=short}} </pre>	<pre> Long version names: Linux kernel v5.10-stm32mp-r2 (v5.10.61) U-Boot v2020.10-stm32mp-r2 TF-A v2.4-stm32mp-r2 OP-TEE v3.12.0-stm32mp-r2 STM32CubeMP1 Package v1.5.0 OpenEmbedded v3.1.11 (Dunfell)  Short version names: 5.10 2020.10 2.4 3.12.0 1.5.0 3.1 </pre>



You type	You get
<p>All components for the v3.0.0 revision requested</p> <pre> Long version names:&lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=Linux kernel}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=U-Boot }}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=TF-A}} &lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=OP-TEE }}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=STM32CubeMPU}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=OpenEmbedded}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=Android}} Short version names:&lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=Linux kernel   name=short}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=U-Boot   name=short}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=TF-A   name=short}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=OP-TEE   name=short}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=STM32CubeMPU   name=short}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=OpenEmbedded   name=short}}&lt;br /&gt; {{EcosystemRelease/Component   revision=3.0.0   component=Android   name=short}} </pre>	<p>Long version names:</p> <ul style="list-style-type: none"> <li>Linux kernel v5.10-stm32mp-r1 (v5.10.10)</li> <li>U-Boot v2020.10-stm32mp-r1</li> <li>TF-A v2.4-stm32mp-r1</li> <li>OP-TEE v3.12.0-stm32mp-r1</li> <li>STM32CubeMP1 Package v1.4.0</li> <li>OpenEmbedded v3.1.5 (Dunfell)</li> </ul> <p>Short version names:</p> <ul style="list-style-type: none"> <li>5.10</li> <li>2020.10</li> <li>2.4</li> <li>3.12.0</li> <li>1.4.0</li> <li>3.1</li> </ul>
Linux kernel version for vx.0.0 revision requested	



You type	You get
<pre> {{EcosystemRelease/Component   revision=x.0.0   component=Linux kernel}}&lt;br /&gt; {{EcosystemRelease/Component   revision=x.0.0   component=Linux kernel   name=short}} </pre>	<p>Linux kernel vx.y (example) x.y</p>
<p>U-Boot version for vx.0.0 revision requested</p> <pre> {{EcosystemRelease/Component   revision=x.0.0   component=U-Boot }}&lt;br /&gt; {{EcosystemRelease/Component   revision=x.0.0   component=U-Boot   name=short}} </pre>	<p>U-Boot vx.y (example) x.y</p>
<p>TF-A version for vx.0.0 revision requested</p> <pre> {{EcosystemRelease/Component   revision=x.0.0   component=TF-A}} &lt;br /&gt; {{EcosystemRelease/Component   revision=x.0.0   component=TF-A   name=short}} </pre>	<p>TF-A vx.y (example) x.y</p>
<p>OP-TEE version for vx.0.0 revision requested</p> <pre> {{EcosystemRelease/Component   revision=x.0.0   component=OP-TEE }}&lt;br /&gt; {{EcosystemRelease/Component   revision=x.0.0   component=OP-TEE   name=short}} </pre>	<p>OP-TEE vx.y (example) x.y</p>
<p>STM32CubeMPU version for vx.0.0 revision requested</p> <pre> {{EcosystemRelease/Component   revision=x.0.0   component=STM32CubeMPU}}&lt;br /&gt; {{EcosystemRelease/Component   revision=x.0.0   component=STM32CubeMPU   name=short}} </pre>	<p>STM32CubeMP1 Package vx.y (example) x.y</p>



Type	Target
<p>OpenEmbedded version for vx.0.0 revision requested</p> <pre> {{EcosystemRelease/Component   revision=x.0.0   component=OpenEmbedded}}&lt;br /&gt; {{EcosystemRelease/Component   revision=x.0.0   component=OpenEmbedded   name=short}}</pre>	<p>OpenEmbedded vx.y (example) x.y</p>
<p>Android version for vx.1.0 revision requested</p> <pre> {{EcosystemRelease/Component   revision=x.1.0   component=Android}}&lt;br /&gt; {{EcosystemRelease/Component   revision=x.1.0   component=Android   name=short}}</pre>	<p>Android vx.y (example) x.y</p>



### 3 More examples

You type	You get
Linux kernel version for vx.2.0 revision requested <pre> {{EcosystemRelease/Component   revision=x.2.0   component=Linux kernel}} </pre>	Linux kernel vx.y (example)
Linux kernel version for vx.1.0 revision requested <pre> {{EcosystemRelease/Component   revision=x.1.0   component=Linux kernel}} </pre>	Linux kernel vx.y (example)
Android version for the vx.0.0 revision requested: Android is not supported by this ecosystem release revision <pre> {{EcosystemRelease/Component   revision=x.0.0   component=Android}} </pre>	
U-Boot version for an unspecified revision requested <pre> {{EcosystemRelease/Component   component=U-Boot}} </pre>	unknown revision
TF-A version for an unknown revision requested <pre> {{EcosystemRelease/Component   revision=10.20.30   component=TF- A}} </pre>	unknown revision
Unspecified component	





You type	You get
<div style="border: 1px dashed gray; padding: 5px;"> <pre> {{EcosystemRelease/Component   revision=x.0.0}}                     </pre> </div>	<p>unknown component</p>
<p>Unknown component</p> <div style="border: 1px dashed gray; padding: 5px;"> <pre> {{EcosystemRelease/Component   revision=x.0.0   component=not supported}}                     </pre> </div>	<p>unknown component</p>



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## 4 Code

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### unknown component

Linux<sup>®</sup> is a registered trademark of Linus Torvalds.

Das U-Boot -- the Universal Boot Loader (see [U-Boot\\_overview](#))

Trusted Firmware for Arm<sup>®</sup> Cortex<sup>®</sup>-A

Open Portable Trusted Execution Environment