



Template:CodeSource



Contents

1. Template:CodeSource	3
2. U-Boot overview	15



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Contents

1 Usage	4
2 Basic examples	7
3 More examples	9
4 Code	14



1 Usage

The CodeSource template is used to indicate the URL of any Linux[®] kernel, U-Boot, TF-A, OP-TEE OS, STM32CubeMP1, stm32mp BSP layer, openstlinux framework layer, or Android file used in this wiki.



Usage: `{{CodeSource | <domain> | repo=<repo> | <path> | <link text> | <version>}}`

Where:

- **<domain>** is the **mandatory** string that identifies the domain of the file. The possible values are:
 - **Linux kernel**: the file belongs to the Linux kernel domain.
 - **U-Boot**: the file belongs to the U-Boot domain.
 - **TF-A**: the file belongs to the TF-A domain.
 - **OP-TEE_OS**: the file belongs to the OP-TEE OS domain.
 - **STM32CubeMP1**: the file belongs to the STM32CubeMP1 domain.
 - **meta-st-stm32mp**: the file belongs to the meta-st-stm32mp BSP layer domain.
 - **meta-st-openstlinux**: the file belongs to the meta-st-openstlinux framework layer domain.
 - **Android**: the file belongs to the Android domain.
- **<path>** is the **mandatory** relative path of the file from the root URL of the domain; If the file is a directory (e.g. "arch/arm/boot/dts" directory for the Linux kernel), the parameter must end with the slash / character (e.g. "arch/arm/boot/dts/"). The root URLs are:
 - **STMicroelectronics Linux kernel git repository** for the Linux kernel domain: <https://github.com/STMicroelectronics/linux>. Alternatives that would be possible:
 - *Kernel.org git repository*: <https://git.kernel.org/pub/scm/linux/kernel/git/stable/linux.git/tree>
 - *Bootlin Elixir Cross Referencer*: <https://elixir.bootlin.com/linux/latest/source>
 - **STMicroelectronics U-Boot git repository** for the U-Boot domain: <https://github.com/STMicroelectronics/u-boot>. Alternatives that would be possible:
 - *Das U-Boot git repository*: <http://git.denx.de/?p=u-boot.git;a=tree>
 - *Bootlin Elixir Cross Referencer*: <https://elixir.bootlin.com/u-boot/latest/source>
 - **STMicroelectronics TF-A git repository** for the TF-A domain: <https://github.com/STMicroelectronics/arm-trusted-firmware>. Alternatives that would be possible:
 - *ARM Trusted Firmware git repository*: <https://github.com/ARM-software/arm-trusted-firmware>
 - *Bootlin Elixir Cross Referencer*: <https://elixir.bootlin.com/arm-trusted-firmware/latest/source>
 - **STMicroelectronics OP-TEE git repository** for the OP-TEE OS domain: https://github.com/STMicroelectronics/optee_os. Alternative that would be possible:
 - *Open Portable Trusted Execution Environment git repository*: https://github.com/OP-TEE/optee_os
 - **STMicroelectronics STM32CubeMP1 git repository** for the STM32CubeMP1 domain: <https://github.com/STMicroelectronics/STM32CubeMP1>
 - **STMicroelectronics meta-st-stm32mp git repository** for the meta-st-stm32mp layer domain: <https://github.com/STMicroelectronics/meta-st-stm32mp>
 - **STMicroelectronics meta-st-openstlinux git repository** for the meta-st-openstlinux layer domain: <https://github.com/STMicroelectronics/meta-st-openstlinux>
 - **Google Android <repo> git repository** for the Android domain: <https://android.googlesource.com/<repo>>
- **<repo>** is the **mandatory** repository in the Google Android git. This named parameter is ignored for all other domains than Android.
- **<link text>** is an **optional** link text (text that is displayed instead of the URL).
- **<version>** is an **optional** version number (branch or tag) if the default one doesn't fit. Per default, the URL points to:
 - the **v5.10-stm32mp** branch of the Linux kernel (Kernel.org alternative: *linux-5.4.y* / Bootlin alternative: *latest stable*)
 - the **v2020.10-stm32mp** branch of the U-Boot (Das U-Boot alternative: *master* / Bootlin alternative: *latest stable*)
 - the **v2.4-stm32mp** branch of the TF-A (ARM Trusted Firmware alternative: *master* / Bootlin alternative: *latest stable*)
 - the **3.12.0-stm32mp** branch of the OP-TEE OS (Open Portable Trusted Execution Environment alternative: *master*)



-
- the **1.4.0** tag of the STM32CubeMP1
 - the **dunfell** branch of the meta-st-stm32mp layer
 - the **dunfell** branch of the meta-st-openstlinux layer
 - the **android-10.0.0_r22** tag of Android



2 Basic examples

You type	You get
<p>Linux kernel</p> <pre>1- {{CodeSource Linux kernel Makefile}} 2- {{CodeSource Linux kernel arch/arm/boot/dts /}}</pre>	<pre>1- Makefile 2- arch/arm/boot/dts/</pre>
<p>U-Boot</p> <pre>1- {{CodeSource U-Boot Makefile}} 2- {{CodeSource U-Boot arch/arm/dts/}}</pre>	<pre>1- Makefile 2- arch/arm/dts/</pre>
<p>TF-A</p> <pre>1- {{CodeSource TF-A Makefile}} 2- {{CodeSource TF-A fdt/}}</pre>	<pre>1- Makefile 2- fdt/</pre>
<p>OP-TEE_OS</p> <pre>1- {{CodeSource OP-TEE_OS Makefile}} 2- {{CodeSource OP-TEE_OS core/arch/arm/kernel /}}</pre>	<pre>1- Makefile 2- core/arch/arm/kernel/</pre>
<p>STM32CubeMP1</p> <pre>1- {{CodeSource STM32CubeMP1 Readme.md}} 2- {{CodeSource STM32CubeMP1 Drivers /STM32MP1xx_HAL_Driver/Src/}}</pre>	<pre>1- Readme.md 2- Drivers /STM32MP1xx_HAL_Driver /Src/</pre>
<p>meta-st-stm32mp</p> <pre>1- {{CodeSource meta-st-stm32mp README.md}} 2- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/}}</pre>	<pre>1- README.md 2- recipes-kernel/linux/linux- stm32mp/</pre>



You type	You get
<p>meta-st-openstlinux</p> <pre>1- {{CodeSource meta-st-openstlinux README.md}} 2- {{CodeSource meta-st-openstlinux recipes-multimedia/gstreamer/gstreamer1.0-plugins-bad/}}</pre>	<pre>1- README.md 2- recipes-multimedia/gstreamer/gstreamer1.0-plugins-bad/</pre>
<p>Android</p> <pre>1- {{CodeSource Android repo=platform/build README.md}} 2- {{CodeSource Android repo=platform/packages/apps/Settings/src/com/android/settings/}}</pre>	<pre>1- platform/build/README.md 2- platform/packages/apps/Settings/src/com/android/settings/</pre>



3 More examples

You type	You get
<p>Linux kernel: regular file</p> <pre> 1- {{CodeSource Linux kernel Makefile}} 2- {{CodeSource Linux kernel Makefile Linux kernel root makefile - Makefile}} 3- {{CodeSource Linux kernel Makefile 4.19}} 4- {{CodeSource Linux kernel Makefile Linux kernel root makefile - Makefile 4.19}} 5- {{CodeSource Linux kernel repo=ignored Makefile Linux kernel root makefile - Makefile 4.19}}</pre>	<pre> 1- Makefile 2- Linux kernel root makefile - Makefile 3- Makefile (v4.19) 4- Linux kernel root makefile - Makefile (v4.19) 5- Linux kernel root makefile - Makefile (v4.19)</pre>
<p>Linux kernel: directory</p> <pre> 1- {{CodeSource Linux kernel arch/arm/boot/dts /}} 2- {{CodeSource Linux kernel arch/arm/boot /dts/ arch/arm/boot/dts/stm32mp15*}} 3- {{CodeSource Linux kernel arch/arm/boot /dts/ 4.19}} 4- {{CodeSource Linux kernel arch/arm/boot /dts/ arch/arm/boot/dts/stm32mp15* 4.19}} 5- {{CodeSource Linux kernel arch/arm/boot /dts/ repo=ignored arch/arm/boot/dts /stm32mp15* 4.19}}</pre>	<pre> 1- arch/arm/boot/dts/ 2- arch/arm/boot/dts /stm32mp15* 3- arch/arm/boot/dts/ (v4.19) 4- arch/arm/boot/dts /stm32mp15* (v4.19) 5- arch/arm/boot/dts /stm32mp15* (v4.19)</pre>
<p>U-Boot: regular file</p> <pre> 1- {{CodeSource U-Boot Makefile}} 2- {{CodeSource U-Boot Makefile U-Boot root makefile - Makefile}} 3- {{CodeSource U-Boot Makefile 2018.03}} 4- {{CodeSource U-Boot Makefile U-Boot root makefile - Makefile 2018.03}} 5- {{CodeSource U-Boot Makefile U-Boot root makefile - Makefile repo=ignored 2018.03}}</pre>	<pre> 1- Makefile 2- U-Boot root makefile - Makefile 3- Makefile (v2018.03) 4- U-Boot root makefile - Makefile (v2018.03) 5- U-Boot root makefile - Makefile (v2018.03)</pre>
<p>U-Boot: directory</p>	



You type	You get
<pre> 1- {{CodeSource U-Boot arch/arm/dts/}} 2- {{CodeSource U-Boot arch/arm/dts/ arch /arm/dts/stm32mp15*}} 3- {{CodeSource U-Boot arch/arm/dts/ 2018.03}} 4- {{CodeSource U-Boot arch/arm/dts/ arch /arm/dts/stm32mp15* 2018.03}} 5- {{CodeSource repo=ignored U-Boot arch/arm /dts/ arch/arm/dts/stm32mp15* 2018.03}}</pre>	<pre> 1- arch/arm/dts/ 2- arch/arm/dts/stm32mp15* 3- arch/arm/dts/ (v2018.03) 4- arch/arm/dts/stm32mp15* (v2018.03) 5- arch/arm/dts/stm32mp15* (v2018.03)</pre>
<p>TF-A: regular file</p> <pre> 1- {{CodeSource TF-A Makefile}} 2- {{CodeSource TF-A Makefile TF-A root makefile - Makefile}} 3- {{CodeSource TF-A Makefile 1.4}} 4- {{CodeSource TF-A Makefile TF-A root makefile - Makefile 1.4}} 5- {{CodeSource TF-A repo=ignored Makefile}}</pre>	<pre> 1- Makefile 2- TF-A root makefile - Makefile 3- Makefile (v1.4) 4- TF-A root makefile - Makefile (v1.4) 5- Makefile</pre>
<p>TF-A: directory</p> <pre> 1- {{CodeSource TF-A fdt/}} 2- {{CodeSource TF-A fdt/ fdt/stm32mp15*}} 3- {{CodeSource TF-A fdt/ 1.4}} 4- {{CodeSource TF-A fdt/ fdt/stm32mp15* 1.4}} 5- {{CodeSource TF-A repo=ignored fdt/ fdt/stm32mp15*}}</pre>	<pre> 1- fdt/ 2- fdt/stm32mp15* 3- fdt/ (v1.4) 4- fdt/stm32mp15* (v1.4) 5- fdt/stm32mp15*</pre>
<p>OP-TEE_OS: regular file</p> <pre> 1- {{CodeSource OP-TEE_OS Makefile}} 2- {{CodeSource OP-TEE_OS Makefile OP-TEE OS root makefile - Makefile}} 3- {{CodeSource OP-TEE_OS Makefile 3.0.0}} 4- {{CodeSource OP-TEE_OS Makefile OP-TEE OS root makefile - Makefile 3.0.0}} 5- {{CodeSource OP-TEE_OS Makefile 3.0.0 repo=ignored}}</pre>	<pre> 1- Makefile 2- OP-TEE OS root makefile - Makefile 3- Makefile (3.0.0) 4- OP-TEE OS root makefile - Makefile (3.0.0) 5- Makefile (3.0.0)</pre>
<p>OP-TEE_OS: directory</p>	



You type	You get
<pre>1- {{CodeSource OP-TEE_OS core/arch/arm/kernel /}} 2- {{CodeSource OP-TEE_OS core/arch/arm /kernel/ core/arch/arm/kernel/*}} 3- {{CodeSource OP-TEE_OS core/arch/arm /kernel/ 3.0.0}} 4- {{CodeSource OP-TEE_OS core/arch/arm /kernel/ core/arch/arm/kernel/* 3.0.0}} 5- {{CodeSource OP-TEE_OS repo=ignored core /arch/arm/kernel/ 3.0.0}}</pre>	<pre>1- core/arch/arm/kernel/ 2- core/arch/arm/kernel/* 3- core/arch/arm/kernel/ (3.0.0) 4- core/arch/arm/kernel/* (3.0.0) 5- core/arch/arm/kernel/ (3.0.0)</pre>
<p>STM32CubeMP1: regular file</p> <pre>1- {{CodeSource STM32CubeMP1 Readme.md}} 2- {{CodeSource STM32CubeMP1 Readme.md STM32CubeMP1 readme}} 3- {{CodeSource STM32CubeMP1 Readme.md master}} 4- {{CodeSource STM32CubeMP1 Readme.md STM32CubeMP1 readme master}} 5- {{CodeSource STM32CubeMP1 Readme.md STM32CubeMP1 readme repo=ignored master}}</pre>	<pre>1- Readme.md 2- STM32CubeMP1 readme 3- Readme.md (master) 4- STM32CubeMP1 readme (master) 5- STM32CubeMP1 readme (master)</pre>
<p>STM32CubeMP1: directory</p> <pre>1- {{CodeSource STM32CubeMP1 Drivers /STM32MP1xx_HAL_Driver/Src/}} 2- {{CodeSource STM32CubeMP1 Drivers /STM32MP1xx_HAL_Driver/Src/ Drivers /STM32MP1xx_HAL_Driver/Src/*}} 3- {{CodeSource STM32CubeMP1 Drivers /STM32MP1xx_HAL_Driver/Src/ master}} 4- {{CodeSource STM32CubeMP1 Drivers /STM32MP1xx_HAL_Driver/Src/ Drivers /STM32MP1xx_HAL_Driver/Src/* master}} 5- {{CodeSource STM32CubeMP1 repo=ignored Drivers/STM32MP1xx_HAL_Driver/Src/}}</pre>	<pre>1- Drivers /STM32MP1xx_HAL_Driver /Src/ 2- Drivers /STM32MP1xx_HAL_Driver/Src /* 3- Drivers /STM32MP1xx_HAL_Driver /Src/ (master) 4- Drivers /STM32MP1xx_HAL_Driver/Src /* (master) 5- Drivers /STM32MP1xx_HAL_Driver /Src/</pre>
<p>meta-st-stm32mp: regular file</p> <pre>1- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/README.HOW_TO.txt}} 2- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/README.HOW_TO.txt Helper file for Linux build}} 3- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/README.HOW_TO.txt </pre>	<pre>1- recipes-kernel/linux/linux-stm32mp/README.HOW_TO.txt 2- Helper file for Linux build 3- recipes-kernel/linux/linux-stm32mp/README.HOW_TO.txt (openstlinux-4.19-thud-mp1-</pre>



You type	You get
<pre> openstlinux-4.19-thud-mp1-19-02-20}} 4- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/README.HOW_TO.txt Helper file for Linux build thud-upstream_1.2.0}} 5- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/README.HOW_TO.txt Helper file for Linux build repo=ignored thud- upstream_1.2.0}}</pre>	<pre>19-02-20) 4- Helper file for Linux build (thud-upstream_1.2.0) 5- Helper file for Linux build (thud-upstream_1.2.0)</pre>
<p>meta-st-stm32mp: directory</p> <pre>1- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/}} 2- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/ recipes-kernel/linux /linux-stm32mp/}} 3- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/ thud-upstream_1.2.0}} 4- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/ recipes-kernel/linux /linux-stm32mp/ thud-upstream_1.2.0}} 5- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/ recipes-kernel/linux /linux-stm32mp/ repo=ignored thud-upstream_1. 2.0}}</pre>	<pre>1- recipes-kernel/linux/linux- stm32mp/ 2- recipes-kernel/linux/linux- stm32mp/ 3- recipes-kernel/linux/linux- stm32mp/ (thud-upstream_1. 2.0) 4- recipes-kernel/linux/linux- stm32mp/ (thud-upstream_1. 2.0) 5- recipes-kernel/linux/linux- stm32mp/ (thud-upstream_1. 2.0)</pre>
<p>meta-st-openstlinux: regular file</p> <pre>1- {{CodeSource meta-st-openstlinux README. md}} 2- {{CodeSource meta-st-openstlinux README.md meta-st-openstlinux readme}} 3- {{CodeSource meta-st-openstlinux README.md thud-upstream_1.2.0}} 4- {{CodeSource meta-st-openstlinux README.md meta-st-openstlinux readme thud-upstream_1. 2.0}} 5- {{CodeSource meta-st-openstlinux README.md meta-st-openstlinux readme repo=ignored thud-upstream_1.2.0}}</pre>	<pre>1- README.md 2- meta-st-openstlinux readme 3- README.md (thud- upstream_1.2.0) 4- meta-st-openstlinux readme (thud-upstream_1.2.0) 5- meta-st-openstlinux readme (thud-upstream_1.2.0)</pre>
<p>meta-st-openstlinux: directory</p> <pre>1- {{CodeSource meta-st-openstlinux recipes- multimedia/gstreamer/}} 2- {{CodeSource meta-st-openstlinux recipes- multimedia/gstreamer/ GStreamer recipes}}</pre>	<pre>1- recipes-multimedia /gstreamer/ 2- GStreamer recipes 3- recipes-multimedia /gstreamer/ (thud-upstream_1.</pre>



You type	You get
<pre>3- {{CodeSource meta-st-openstlinux recipes- multimedia/gstreamer/ thud-upstream_1.2.0}} 4- {{CodeSource meta-st-openstlinux recipes- multimedia/gstreamer/ GStreamer recipes thud- upstream_1.2.0}} 5- {{CodeSource meta-st-openstlinux recipes- multimedia/gstreamer/ GStreamer recipes repo=ignored thud-upstream_1.2.0}}</pre>	<pre>2.0) 4- GStreamer recipes (thud- upstream_1.2.0) 5- GStreamer recipes (thud- upstream_1.2.0)</pre>
<p>Android: regular file</p> <pre>1- {{CodeSource Android repo=platform/build core/main.mk}} 2- {{CodeSource Android repo=platform/build core/main.mk Main configuration}} 3- {{CodeSource Android repo=platform/build core/main.mk android-8.1.0_r66}} 4- {{CodeSource Android repo=platform/build core/main.mk Main configuration android-8.1.0 _r66}} 5- {{CodeSource Android core/main.mk}}</pre>	<pre>1- platform/build/core/main.mk 2- Main configuration 3- platform/build/core/main.mk (android-8.1.0_r66) 4- Main configuration (android- 8.1.0_r66) 5- /core/main.mk</pre>
<p>Android: directory</p> <pre>1- {{CodeSource Android repo=platform/build target/product/}} 2- {{CodeSource Android repo=platform/build target/product/ platform/build/target/product /*}} 3- {{CodeSource Android repo=platform/build target/product/ android-8.1.0_r66}} 4- {{CodeSource Android repo=platform/build target/product/ platform/build/target/product/* android-8.1.0_r66}} 5- {{CodeSource Android target/product/}}</pre>	<pre>1- platform/build/target/product/ 2- platform/build/target/product /* 3- platform/build/target/product/ (android-8.1.0_r66) 4- platform/build/target/product /* (android-8.1.0_r66) 5- /target/product/</pre>
<p>Unsupported domain</p> <pre>{{CodeSource Unsupported domain Makefile}}</pre>	<p>Unsupported domain!</p>



4 Code

Linux kernel:

- For STMicroelectronics git

```
[https://github.com/STMicroelectronics/linux/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{{4}}}|v{{#replace:{{4}}}| |}}v5.10-
stm32mp)/{{#replace:{{2}}}| |}} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|(v{{#replace:{{4}}}| |)}}}]
```

- For Kernel.org git

```
[https://git.kernel.org/pub/scm/linux/kernel/git/stable/linux.git/tree/{{#replace:{{2}}}| |}}?h={{#if: {{{4}}}|v{{#replace:{{4}}}| |}}
|linux-5.10.y}} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|(v{{#replace:{{4}}}| |)}}}]
```

- For Bootlin alternative

```
[https://elixir.bootlin.com/linux/{{#if: {{{4}}}|v{{#replace:{{4}}}| |}}|latest}}/source/{{#replace:{{2}}}| |}} {{#if: {{{3}}}|{{3}}|{{2}}}}
({{#if: {{{4}}}|v{{#replace:{{4}}}| |}}|latest stable}})]
```

U-Boot:

- For STM STMicroelectronics git

```
[https://github.com/STMicroelectronics/u-boot/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{{4}}}|v{{#replace:{{4}}}| |}}v2020.10-
stm32mp)/{{#replace:{{2}}}| |}} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|(v{{#replace:{{4}}}| |)}}}]
```

- For U-Boot git alternative

```
[http://git.denx.de/?p=u-boot.git;a={{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}};f={{#ifeq:{{#sub:{{2}}}-1}}/|{{#sub:{{2}}}|0|-1}}|{{#sub:
{{2}}|0}};hb={{#if: {{{4}}}|v{{#replace:{{4}}}| |}}|master}} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|v{{#replace:{{4}}}| |}}
|master}})]
```

- For Bootlin alternative

```
[https://elixir.bootlin.com/u-boot/{{#if: {{{4}}}|v{{#replace:{{4}}}| |}}|latest}}/source/{{#replace:{{2}}}| |}} {{#if: {{{3}}}|{{3}}|
{{2}}}} {{#if: {{{4}}}|v{{#replace:{{4}}}| |}}|latest stable}})]
```

TF-A

- For STM STMicroelectronics git

```
[https://github.com/STMicroelectronics/arm-trusted-firmware/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{{4}}}|v{{#replace:{{4}}}}
| |}}v2.4-stm32mp)/{{#replace:{{2}}}| |}} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|(v{{#replace:{{4}}}| |)}}}]
```

- For ARM Trusted Firmware git alternative

```
[https://github.com/ARM-software/arm-trusted-firmware/blob/{{#if: {{{4}}}|v{{#replace:{{4}}}| |}}|master}}/{{#replace:{{2}}}| |}}
{{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|v{{#replace:{{4}}}| |}}|master}})]
```

- For Bootlin alternative

```
[https://elixir.bootlin.com/arm-trusted-firmware/{{#if: {{{4}}}|v{{#replace:{{4}}}| |}}|latest}}/source/{{#replace:{{2}}}| |}} {{#if:
{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|v{{#replace:{{4}}}| |}}|latest stable}})]
```

OP-TEE_OS

- For STM STMicroelectronics git



[https://github.com/STMicroelectronics/optee_os/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{{4}}}|{{#replace:{{{4}}}| |}}|3.12.0-stm32mp}}/{{#replace:{{{2}}}| |}} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|{{#replace:{{{4}}}| |}}}}]

- For OP-TEE OS git alternative

[https://github.com/OP-TEE/optee_os/blob/{{#if: {{{4}}}|{{#replace:{{{4}}}| |}}|master}}/{{#replace:{{{2}}}| |}} {{#if: {{{3}}}|{{3}}|{{2}}}} ({{#if: {{{4}}}|{{#replace:{{{4}}}| |}}|master}})]

STM32CubeMP1

- For STM STMicroelectronics git

[https://github.com/STMicroelectronics/STM32CubeMP1/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{{4}}}|{{#replace:{{{4}}}| |}}|1.4.0}}/{{#replace:{{{2}}}| |}} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|{{#replace:{{{4}}}| |}}}}]

meta-st-stm32mp

- For STM STMicroelectronics git

[https://github.com/STMicroelectronics/meta-st-stm32mp/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{{4}}}|{{#replace:{{{4}}}| |}}|dunfell}}/{{#replace:{{{2}}}| |}} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|{{#replace:{{{4}}}| |}}}}]

meta-st-openstlinux

- For STM STMicroelectronics git

[https://github.com/STMicroelectronics/meta-st-openstlinux/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{{4}}}|{{#replace:{{{4}}}| |}}|dunfell}}/{{#replace:{{{2}}}| |}} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|{{#replace:{{{4}}}| |}}}}]

Android

- For Google Android git

[https://android.googlesource.com/{{#repo}}/+/refs/tags/{{#if: {{{4}}}|{{#replace:{{{4}}}| |}}|android-10.0.0_r22}}/{{#replace:{{{2}}}| |}} {{#if: {{{3}}}|{{3}}|{{repo}}}}/{{#replace:{{{2}}}| |}} {{#if: {{{4}}}|{{#replace:{{{4}}}| |}}}}]

Unsupported domain!

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

Stable: 19.10.2021 - 13:54 / Revision: 19.10.2021 - 13:54

Contents

1 Usage	16
2 Basic examples	19
3 More examples	21
4 Code	26



1 Usage

The CodeSource template is used to indicate the URL of any Linux[®] kernel, U-Boot, TF-A, OP-TEE OS, STM32CubeMP1, stm32mp BSP layer, openstlinux framework layer, or Android file used in this wiki.



Usage: `{{CodeSource | <domain> | repo=<repo> | <path> | <link text> | <version>}}`

Where:

- **<domain>** is the **mandatory** string that identifies the domain of the file. The possible values are:
 - **Linux kernel**: the file belongs to the Linux kernel domain.
 - **U-Boot**: the file belongs to the U-Boot domain.
 - **TF-A**: the file belongs to the TF-A domain.
 - **OP-TEE_OS**: the file belongs to the OP-TEE OS domain.
 - **STM32CubeMP1**: the file belongs to the STM32CubeMP1 domain.
 - **meta-st-stm32mp**: the file belongs to the meta-st-stm32mp BSP layer domain.
 - **meta-st-openstlinux**: the file belongs to the meta-st-openstlinux framework layer domain.
 - **Android**: the file belongs to the Android domain.
- **<path>** is the **mandatory** relative path of the file from the root URL of the domain; If the file is a directory (e.g. "arch/arm/boot/dts" directory for the Linux kernel), the parameter must end with the slash / character (e.g. "arch/arm/boot/dts/"). The root URLs are:
 - **STMicroelectronics Linux kernel git repository** for the Linux kernel domain: <https://github.com/STMicroelectronics/linux>. Alternatives that would be possible:
 - *Kernel.org git repository*: <https://git.kernel.org/pub/scm/linux/kernel/git/stable/linux.git/tree>
 - *Bootlin Elixir Cross Referencer*: <https://elixir.bootlin.com/linux/latest/source>
 - **STMicroelectronics U-Boot git repository** for the U-Boot domain: <https://github.com/STMicroelectronics/u-boot>. Alternatives that would be possible:
 - *Das U-Boot git repository*: <http://git.denx.de/?p=u-boot.git;a=tree>
 - *Bootlin Elixir Cross Referencer*: <https://elixir.bootlin.com/u-boot/latest/source>
 - **STMicroelectronics TF-A git repository** for the TF-A domain: <https://github.com/STMicroelectronics/arm-trusted-firmware>. Alternatives that would be possible:
 - *ARM Trusted Firmware git repository*: <https://github.com/ARM-software/arm-trusted-firmware>
 - *Bootlin Elixir Cross Referencer*: <https://elixir.bootlin.com/arm-trusted-firmware/latest/source>
 - **STMicroelectronics OP-TEE git repository** for the OP-TEE OS domain: https://github.com/STMicroelectronics/optee_os. Alternative that would be possible:
 - *Open Portable Trusted Execution Environment git repository*: https://github.com/OP-TEE/optee_os
 - **STMicroelectronics STM32CubeMP1 git repository** for the STM32CubeMP1 domain: <https://github.com/STMicroelectronics/STM32CubeMP1>
 - **STMicroelectronics meta-st-stm32mp git repository** for the meta-st-stm32mp layer domain: <https://github.com/STMicroelectronics/meta-st-stm32mp>
 - **STMicroelectronics meta-st-openstlinux git repository** for the meta-st-openstlinux layer domain: <https://github.com/STMicroelectronics/meta-st-openstlinux>
 - **Google Android <repo> git repository** for the Android domain: <https://android.googlesource.com/<repo>>
- **<repo>** is the **mandatory** repository in the Google Android git. This named parameter is ignored for all other domains than Android.
- **<link text>** is an **optional** link text (text that is displayed instead of the URL).
- **<version>** is an **optional** version number (branch or tag) if the default one doesn't fit. Per default, the URL points to:
 - the **v5.10-stm32mp** branch of the Linux kernel (Kernel.org alternative: *linux-5.4.y* / Bootlin alternative: *latest stable*)
 - the **v2020.10-stm32mp** branch of the U-Boot (Das U-Boot alternative: *master* / Bootlin alternative: *latest stable*)
 - the **v2.4-stm32mp** branch of the TF-A (ARM Trusted Firmware alternative: *master* / Bootlin alternative: *latest stable*)
 - the **3.12.0-stm32mp** branch of the OP-TEE OS (Open Portable Trusted Execution Environment alternative: *master*)



-
- the **1.4.0** tag of the STM32CubeMP1
 - the **dunfell** branch of the meta-st-stm32mp layer
 - the **dunfell** branch of the meta-st-openstlinux layer
 - the **android-10.0.0_r22** tag of Android



2 Basic examples

You type	You get
<p>Linux kernel</p> <pre>1- {{CodeSource Linux kernel Makefile}} 2- {{CodeSource Linux kernel arch/arm/boot/dts /}}</pre>	<p>1- Makefile 2- arch/arm/boot/dts/</p>
<p>U-Boot</p> <pre>1- {{CodeSource U-Boot Makefile}} 2- {{CodeSource U-Boot arch/arm/dts/}}</pre>	<p>1- Makefile 2- arch/arm/dts/</p>
<p>TF-A</p> <pre>1- {{CodeSource TF-A Makefile}} 2- {{CodeSource TF-A fdt/}}</pre>	<p>1- Makefile 2- fdt/</p>
<p>OP-TEE_OS</p> <pre>1- {{CodeSource OP-TEE_OS Makefile}} 2- {{CodeSource OP-TEE_OS core/arch/arm/kernel /}}</pre>	<p>1- Makefile 2- core/arch/arm/kernel/</p>
<p>STM32CubeMP1</p> <pre>1- {{CodeSource STM32CubeMP1 Readme.md}} 2- {{CodeSource STM32CubeMP1 Drivers /STM32MP1xx_HAL_Driver/Src/}}</pre>	<p>1- Readme.md 2- Drivers /STM32MP1xx_HAL_Driver /Src/</p>
<p>meta-st-stm32mp</p> <pre>1- {{CodeSource meta-st-stm32mp README.md}} 2- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/}}</pre>	<p>1- README.md 2- recipes-kernel/linux/linux-stm32mp/</p>



You type	You get
<p>meta-st-openstlinux</p> <pre>1- {{CodeSource meta-st-openstlinux README.md}} 2- {{CodeSource meta-st-openstlinux recipes-multimedia/gstreamer/gstreamer1.0-plugins-bad/}}</pre>	<pre>1- README.md 2- recipes-multimedia/gstreamer/gstreamer1.0-plugins-bad/</pre>
<p>Android</p> <pre>1- {{CodeSource Android repo=platform/build README.md}} 2- {{CodeSource Android repo=platform/packages/apps/Settings/src/com/android/settings/}}</pre>	<pre>1- platform/build/README.md 2- platform/packages/apps/Settings/src/com/android/settings/</pre>



3 More examples

You type	You get
<p>Linux kernel: regular file</p> <pre> 1- {{CodeSource Linux kernel Makefile}} 2- {{CodeSource Linux kernel Makefile Linux kernel root makefile - Makefile}} 3- {{CodeSource Linux kernel Makefile 4.19}} 4- {{CodeSource Linux kernel Makefile Linux kernel root makefile - Makefile 4.19}} 5- {{CodeSource Linux kernel repo=ignored Makefile Linux kernel root makefile - Makefile 4.19}} </pre>	<pre> 1- Makefile 2- Linux kernel root makefile - Makefile 3- Makefile (v4.19) 4- Linux kernel root makefile - Makefile (v4.19) 5- Linux kernel root makefile - Makefile (v4.19) </pre>
<p>Linux kernel: directory</p> <pre> 1- {{CodeSource Linux kernel arch/arm/boot/dts /}} 2- {{CodeSource Linux kernel arch/arm/boot /dts/ arch/arm/boot/dts/stm32mp15*}} 3- {{CodeSource Linux kernel arch/arm/boot /dts/ 4.19}} 4- {{CodeSource Linux kernel arch/arm/boot /dts/ arch/arm/boot/dts/stm32mp15* 4.19}} 5- {{CodeSource Linux kernel arch/arm/boot /dts/ repo=ignored arch/arm/boot/dts /stm32mp15* 4.19}} </pre>	<pre> 1- arch/arm/boot/dts/ 2- arch/arm/boot/dts /stm32mp15* 3- arch/arm/boot/dts/ (v4.19) 4- arch/arm/boot/dts /stm32mp15* (v4.19) 5- arch/arm/boot/dts /stm32mp15* (v4.19) </pre>
<p>U-Boot: regular file</p> <pre> 1- {{CodeSource U-Boot Makefile}} 2- {{CodeSource U-Boot Makefile U-Boot root makefile - Makefile}} 3- {{CodeSource U-Boot Makefile 2018.03}} 4- {{CodeSource U-Boot Makefile U-Boot root makefile - Makefile 2018.03}} 5- {{CodeSource U-Boot Makefile U-Boot root makefile - Makefile repo=ignored 2018.03}} </pre>	<pre> 1- Makefile 2- U-Boot root makefile - Makefile 3- Makefile (v2018.03) 4- U-Boot root makefile - Makefile (v2018.03) 5- U-Boot root makefile - Makefile (v2018.03) </pre>
<p>U-Boot: directory</p>	



You type	You get
<pre>1- {{CodeSource U-Boot arch/arm/dts/}} 2- {{CodeSource U-Boot arch/arm/dts/ arch /arm/dts/stm32mp15*}} 3- {{CodeSource U-Boot arch/arm/dts/ 2018.03}} 4- {{CodeSource U-Boot arch/arm/dts/ arch /arm/dts/stm32mp15* 2018.03}} 5- {{CodeSource repo=ignored U-Boot arch/arm /dts/ arch/arm/dts/stm32mp15* 2018.03}}</pre>	<pre>1- arch/arm/dts/ 2- arch/arm/dts/stm32mp15* 3- arch/arm/dts/ (v2018.03) 4- arch/arm/dts/stm32mp15* (v2018.03) 5- arch/arm/dts/stm32mp15* (v2018.03)</pre>
<p>TF-A: regular file</p> <pre>1- {{CodeSource TF-A Makefile}} 2- {{CodeSource TF-A Makefile TF-A root makefile - Makefile}} 3- {{CodeSource TF-A Makefile 1.4}} 4- {{CodeSource TF-A Makefile TF-A root makefile - Makefile 1.4}} 5- {{CodeSource TF-A repo=ignored Makefile}}</pre>	<pre>1- Makefile 2- TF-A root makefile - Makefile 3- Makefile (v1.4) 4- TF-A root makefile - Makefile (v1.4) 5- Makefile</pre>
<p>TF-A: directory</p> <pre>1- {{CodeSource TF-A fdt/}} 2- {{CodeSource TF-A fdt/ fdt/stm32mp15*}} 3- {{CodeSource TF-A fdt/ 1.4}} 4- {{CodeSource TF-A fdt/ fdt/stm32mp15* 1.4}} 5- {{CodeSource TF-A repo=ignored fdt/ fdt/stm32mp15*}}</pre>	<pre>1- fdt/ 2- fdt/stm32mp15* 3- fdt/ (v1.4) 4- fdt/stm32mp15* (v1.4) 5- fdt/stm32mp15*</pre>
<p>OP-TEE_OS: regular file</p> <pre>1- {{CodeSource OP-TEE_OS Makefile}} 2- {{CodeSource OP-TEE_OS Makefile OP-TEE OS root makefile - Makefile}} 3- {{CodeSource OP-TEE_OS Makefile 3.0.0}} 4- {{CodeSource OP-TEE_OS Makefile OP-TEE OS root makefile - Makefile 3.0.0}} 5- {{CodeSource OP-TEE_OS Makefile 3.0.0 repo=ignored}}</pre>	<pre>1- Makefile 2- OP-TEE OS root makefile - Makefile 3- Makefile (3.0.0) 4- OP-TEE OS root makefile - Makefile (3.0.0) 5- Makefile (3.0.0)</pre>
<p>OP-TEE_OS: directory</p>	



You type	You get
<pre>1- {{CodeSource OP-TEE_OS core/arch/arm/kernel /}} 2- {{CodeSource OP-TEE_OS core/arch/arm /kernel/ core/arch/arm/kernel/*}} 3- {{CodeSource OP-TEE_OS core/arch/arm /kernel/ 3.0.0}} 4- {{CodeSource OP-TEE_OS core/arch/arm /kernel/ core/arch/arm/kernel/* 3.0.0}} 5- {{CodeSource OP-TEE_OS repo=ignored core /arch/arm/kernel/ 3.0.0}}</pre>	<pre>1- core/arch/arm/kernel/ 2- core/arch/arm/kernel/* 3- core/arch/arm/kernel/ (3.0.0) 4- core/arch/arm/kernel/* (3.0.0) 5- core/arch/arm/kernel/ (3.0.0)</pre>
<p>STM32CubeMP1: regular file</p> <pre>1- {{CodeSource STM32CubeMP1 Readme.md}} 2- {{CodeSource STM32CubeMP1 Readme.md STM32CubeMP1 readme}} 3- {{CodeSource STM32CubeMP1 Readme.md master}} 4- {{CodeSource STM32CubeMP1 Readme.md STM32CubeMP1 readme master}} 5- {{CodeSource STM32CubeMP1 Readme.md STM32CubeMP1 readme repo=ignored master}}</pre>	<pre>1- Readme.md 2- STM32CubeMP1 readme 3- Readme.md (master) 4- STM32CubeMP1 readme (master) 5- STM32CubeMP1 readme (master)</pre>
<p>STM32CubeMP1: directory</p> <pre>1- {{CodeSource STM32CubeMP1 Drivers /STM32MP1xx_HAL_Driver/Src/}} 2- {{CodeSource STM32CubeMP1 Drivers /STM32MP1xx_HAL_Driver/Src/ Drivers /STM32MP1xx_HAL_Driver/Src/*}} 3- {{CodeSource STM32CubeMP1 Drivers /STM32MP1xx_HAL_Driver/Src/ master}} 4- {{CodeSource STM32CubeMP1 Drivers /STM32MP1xx_HAL_Driver/Src/ Drivers /STM32MP1xx_HAL_Driver/Src/* master}} 5- {{CodeSource STM32CubeMP1 repo=ignored Drivers/STM32MP1xx_HAL_Driver/Src/}}</pre>	<pre>1- Drivers /STM32MP1xx_HAL_Driver /Src/ 2- Drivers /STM32MP1xx_HAL_Driver/Src /* 3- Drivers /STM32MP1xx_HAL_Driver /Src/ (master) 4- Drivers /STM32MP1xx_HAL_Driver/Src /* (master) 5- Drivers /STM32MP1xx_HAL_Driver /Src/</pre>
<p>meta-st-stm32mp: regular file</p> <pre>1- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/README.HOW_TO.txt}} 2- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/README.HOW_TO.txt Helper file for Linux build}} 3- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/README.HOW_TO.txt </pre>	<pre>1- recipes-kernel/linux/linux-stm32mp/README.HOW_TO.txt 2- Helper file for Linux build 3- recipes-kernel/linux/linux-stm32mp/README.HOW_TO.txt (openstlinux-4.19-thud-mp1-</pre>



You type	You get
<pre> openstlinux-4.19-thud-mp1-19-02-20}} 4- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/README.HOW_TO.txt Helper file for Linux build thud-upstream_1.2.0}} 5- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/README.HOW_TO.txt Helper file for Linux build repo=ignored thud- upstream_1.2.0}}</pre>	<pre>19-02-20) 4- Helper file for Linux build (thud-upstream_1.2.0) 5- Helper file for Linux build (thud-upstream_1.2.0)</pre>
<p>meta-st-stm32mp: directory</p> <pre>1- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/}} 2- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/ recipes-kernel/linux /linux-stm32mp/}} 3- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/ thud-upstream_1.2.0}} 4- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/ recipes-kernel/linux /linux-stm32mp/ thud-upstream_1.2.0}} 5- {{CodeSource meta-st-stm32mp recipes-kernel /linux/linux-stm32mp/ recipes-kernel/linux /linux-stm32mp/ repo=ignored thud-upstream_1. 2.0}}</pre>	<pre>1- recipes-kernel/linux/linux- stm32mp/ 2- recipes-kernel/linux/linux- stm32mp/ 3- recipes-kernel/linux/linux- stm32mp/ (thud-upstream_1. 2.0) 4- recipes-kernel/linux/linux- stm32mp/ (thud-upstream_1. 2.0) 5- recipes-kernel/linux/linux- stm32mp/ (thud-upstream_1. 2.0)</pre>
<p>meta-st-openstlinux: regular file</p> <pre>1- {{CodeSource meta-st-openstlinux README. md}} 2- {{CodeSource meta-st-openstlinux README.md meta-st-openstlinux readme}} 3- {{CodeSource meta-st-openstlinux README.md thud-upstream_1.2.0}} 4- {{CodeSource meta-st-openstlinux README.md meta-st-openstlinux readme thud-upstream_1. 2.0}} 5- {{CodeSource meta-st-openstlinux README.md meta-st-openstlinux readme repo=ignored thud-upstream_1.2.0}}</pre>	<pre>1- README.md 2- meta-st-openstlinux readme 3- README.md (thud- upstream_1.2.0) 4- meta-st-openstlinux readme (thud-upstream_1.2.0) 5- meta-st-openstlinux readme (thud-upstream_1.2.0)</pre>
<p>meta-st-openstlinux: directory</p> <pre>1- {{CodeSource meta-st-openstlinux recipes- multimedia/gstreamer/}} 2- {{CodeSource meta-st-openstlinux recipes- multimedia/gstreamer/ GStreamer recipes}}</pre>	<pre>1- recipes-multimedia /gstreamer/ 2- GStreamer recipes 3- recipes-multimedia /gstreamer/ (thud-upstream_1.</pre>



You type	You get
<pre>3- {{CodeSource meta-st-openstlinux recipes- multimedia/gstreamer/ thud-upstream_1.2.0}} 4- {{CodeSource meta-st-openstlinux recipes- multimedia/gstreamer/ GStreamer recipes thud- upstream_1.2.0}} 5- {{CodeSource meta-st-openstlinux recipes- multimedia/gstreamer/ GStreamer recipes repo=ignored thud-upstream_1.2.0}}</pre>	<pre>2.0) 4- GStreamer recipes (thud- upstream_1.2.0) 5- GStreamer recipes (thud- upstream_1.2.0)</pre>
<p>Android: regular file</p> <pre>1- {{CodeSource Android repo=platform/build core/main.mk}} 2- {{CodeSource Android repo=platform/build core/main.mk Main configuration}} 3- {{CodeSource Android repo=platform/build core/main.mk android-8.1.0_r66}} 4- {{CodeSource Android repo=platform/build core/main.mk Main configuration android-8.1.0 _r66}} 5- {{CodeSource Android core/main.mk}}</pre>	<pre>1- platform/build/core/main.mk 2- Main configuration 3- platform/build/core/main.mk (android-8.1.0_r66) 4- Main configuration (android- 8.1.0_r66) 5- /core/main.mk</pre>
<p>Android: directory</p> <pre>1- {{CodeSource Android repo=platform/build target/product/}} 2- {{CodeSource Android repo=platform/build target/product/ platform/build/target/product /*}} 3- {{CodeSource Android repo=platform/build target/product/ android-8.1.0_r66}} 4- {{CodeSource Android repo=platform/build target/product/ platform/build/target/product/* android-8.1.0_r66}} 5- {{CodeSource Android target/product/}}</pre>	<pre>1- platform/build/target/product/ 2- platform/build/target/product /* 3- platform/build/target/product/ (android-8.1.0_r66) 4- platform/build/target/product /* (android-8.1.0_r66) 5- /target/product/</pre>
<p>Unsupported domain</p> <pre>{{CodeSource Unsupported domain Makefile}}</pre>	<p>Unsupported domain!</p>



4 Code

Linux kernel:

- For STMicroelectronics git

```
[https://github.com/STMicroelectronics/linux/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{{4}}}|v{{#replace:{{4}}}| }}|v5.10-
stm32mp}}/{{#replace:{{2}}}| }} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|(v{{#replace:{{4}}}| )}}}]
```

- For Kernel.org git

```
[https://git.kernel.org/pub/scm/linux/kernel/git/stable/linux.git/tree/{{#replace:{{2}}}| }}?h={{#if: {{{4}}}|v{{#replace:{{4}}}|}}|
|linux-5.10.y}} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|(v{{#replace:{{4}}}| )}}}]
```

- For Bootlin alternative

```
[https://elixir.bootlin.com/linux/{{#if: {{{4}}}|v{{#replace:{{4}}}| }}|latest}}/source/{{#replace:{{2}}}| }} {{#if: {{{3}}}|{{3}}|{{2}}}}
({{#if: {{{4}}}|v{{#replace:{{4}}}| }}|latest stable}})]
```

U-Boot:

- For STM STMicroelectronics git

```
[https://github.com/STMicroelectronics/u-boot/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{{4}}}|v{{#replace:{{4}}}| }}|v2020.10-
stm32mp}}/{{#replace:{{2}}}| }} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|(v{{#replace:{{4}}}| )}}}]
```

- For U-Boot git alternative

```
[http://git.denx.de/?p=u-boot.git;a={{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}};f={{#ifeq:{{#sub:{{2}}}-1}}/|{{#sub:{{2}}}|0|-1}}|{{#sub:
{{2}}|0}};hb={{#if: {{{4}}}|v{{#replace:{{4}}}| }}|master}} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|v{{#replace:{{4}}}| }}
|master}}}]
```

- For Bootlin alternative

```
[https://elixir.bootlin.com/u-boot/{{#if: {{{4}}}|v{{#replace:{{4}}}| }}|latest}}/source/{{#replace:{{2}}}| }} {{#if: {{{3}}}|{{3}}|
{{2}}}} {{#if: {{{4}}}|v{{#replace:{{4}}}| }}|latest stable}}]
```

TF-A

- For STM STMicroelectronics git

```
[https://github.com/STMicroelectronics/arm-trusted-firmware/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{{4}}}|v{{#replace:{{4}}}}
| }}|v2.4-stm32mp}}/{{#replace:{{2}}}| }} {{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|(v{{#replace:{{4}}}| )}}}]
```

- For ARM Trusted Firmware git alternative

```
[https://github.com/ARM-software/arm-trusted-firmware/blob/{{#if: {{{4}}}|v{{#replace:{{4}}}| }}|master}}/{{#replace:{{2}}}| }}
{{#if: {{{3}}}|{{3}}|{{2}}}} {{#if: {{{4}}}|v{{#replace:{{4}}}| }}|master}}]
```

- For Bootlin alternative

```
[https://elixir.bootlin.com/arm-trusted-firmware/{{#if: {{{4}}}|v{{#replace:{{4}}}| }}|latest}}/source/{{#replace:{{2}}}| }} {{#if:
{{3}}|{{3}}|{{2}}}} {{#if: {{{4}}}|v{{#replace:{{4}}}| }}|latest stable}}]
```

OP-TEE_OS

- For STM STMicroelectronics git



[https://github.com/STMicroelectronics/optee_os/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{4}}|{{#replace:{{4}}| }}|3.12.0-stm32mp}}/{{#replace:{{2}}| }} {{#if: {{3}}|{{3}}|{{2}}}} {{#if: {{4}}|{{#replace:{{4}}| }}|}}]

- For OP-TEE OS git alternative

[https://github.com/OP-TEE/optee_os/blob/{{#if: {{4}}|{{#replace:{{4}}| }}|master}}/{{#replace:{{2}}| }} {{#if: {{3}}|{{3}}|{{2}}}} ({{#if: {{4}}|{{#replace:{{4}}| }}|master}})]

STM32CubeMP1

- For STM STMicroelectronics git

[https://github.com/STMicroelectronics/STM32CubeMP1/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{4}}|{{#replace:{{4}}| }}|1.4.0}}/{{#replace:{{2}}| }} {{#if: {{3}}|{{3}}|{{2}}}} {{#if: {{4}}|{{#replace:{{4}}| }}|}}]

meta-st-stm32mp

- For STM STMicroelectronics git

[https://github.com/STMicroelectronics/meta-st-stm32mp/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{4}}|{{#replace:{{4}}| }}|dunfell}}/{{#replace:{{2}}| }} {{#if: {{3}}|{{3}}|{{2}}}} {{#if: {{4}}|{{#replace:{{4}}| }}|}}]

meta-st-openstlinux

- For STM STMicroelectronics git

[https://github.com/STMicroelectronics/meta-st-openstlinux/{{#ifeq:{{#sub:{{2}}}-1}}/|tree|blob}}/{{#if: {{4}}|{{#replace:{{4}}| }}|dunfell}}/{{#replace:{{2}}| }} {{#if: {{3}}|{{3}}|{{2}}}} {{#if: {{4}}|{{#replace:{{4}}| }}|}}]

Android

- For Google Android git

[https://android.googlesource.com/{{#repo}}/+/refs/tags/{{#if: {{4}}|{{#replace:{{4}}| }}|android-10.0.0_r22}}/{{#replace:{{2}}| }}| {{#if: {{3}}|{{3}}|{{repo}}}}/{{#replace:{{2}}| }} {{#if: {{4}}|{{#replace:{{4}}| }}|}}]

Unsupported domain!

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