

Template:CodeSource

Contents

1 Usage	1
2 Basic examples	2
3 More examples	3
4 Code	6

1 Usage

The `CodeSource` template is used **to indicate the URL of any Linux[®] kernel, U-Boot, TF-A, OP-TEE OS, STM32CubeMP1 and 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.
 - **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>
- **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 if the default one doesn't fit. Per default, the URL points to:
 - the **v4.19-stm32mp** version of the Linux kernel (Kernel.org alternative: *linux-4.19.y* / Bootlin alternative: *latest stable*)
 - the **v2018.11-stm32mp** version of the U-Boot (Das U-Boot alternative: *master* / Bootlin alternative: *latest stable*)
 - the **v2.0-stm32mp** version of the TF-A (ARM Trusted Firmware alternative: *master* / Bootlin alternative: *latest stable*)
 - the **3.3.0-stm32mp** version of the OP-TEE OS (Open Portable Trusted Execution Environment alternative: *master*)
 - the **1.1.0** version of the STM32CubeMP1
 - the **android-9.0.0_r46** version of Android

2 Basic examples

You type

Linux kernel

```
1- {{CodeSource | Linux kernel |
Makefile}}
2- {{CodeSource | Linux kernel | arch/arm
/boot/dts/}}
```

You get

```
1- Makefile
2- arch/arm/boot/dts/
```

U-Boot

```
1- {{CodeSource | U-Boot | Makefile}}
2- {{CodeSource | U-Boot | arch/arm/dts
/}}
```

```
1- Makefile
2- arch/arm/dts/
```

TF-A

```
1- {{CodeSource | TF-A | Makefile}}
2- {{CodeSource | TF-A | fdt/}}
```

```
1- Makefile
2- fdt/
```

OP-TEE_OS

<pre>1- {{CodeSource OP-TEE_OS Makefile}} 2- {{CodeSource OP-TEE_OS core/arch/arm/kernel/}}</pre>	<ul style="list-style-type: none"> 1- Makefile 2- core/arch/arm/kernel/
---	---

STM32CubeMP1

<pre>1- {{CodeSource STM32CubeMP1 Readme.md}} 2- {{CodeSource STM32CubeMP1 Drivers/STM32MP1xx_HAL_Driver/Src/}}</pre>	<ul style="list-style-type: none"> 1- Readme.md 2- Drivers/STM32MP1xx_HAL_Driver/Src/
---	---

Android

<pre>1- {{CodeSource Android repo=platform/build README.md}} 2- {{CodeSource Android repo=platform/packages/apps/Settings src/com/android/settings/}}</pre>	<ul style="list-style-type: none"> 1- platform/build/README.md 2- platform/packages/apps/Settings/src/com/android/settings/
---	---

3 More examples

You type

Linux kernel: regular file

<pre>1- {{CodeSource Linux kernel Makefile}} 2- {{CodeSource Linux kernel Makefile Linux kernel root makefile - Makefile}} 3- {{CodeSource Linux kernel Makefile 4.20}} 4- {{CodeSource Linux kernel Makefile Linux kernel root makefile - Makefile 4.20}} 5- {{CodeSource Linux kernel repo=ignored Makefile Linux kernel root makefile - Makefile 4.20}}</pre>	<ul style="list-style-type: none"> 1- Makefile 2- Linux kernel root makefile - Makefile 3- Makefile (v4.20) 4- Linux kernel root makefile - Makefile (v4.20) 5- Linux kernel root makefile - Makefile (v4.20)
--	--

You get

Linux kernel: directory

<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/ 4.20}} 4- {{CodeSource Linux kernel arch/arm/boot/dts/ arch/arm/boot/dts/stm32mp15* 4.20}} 5- {{CodeSource Linux kernel arch/arm/boot/dts/ repo=ignored arch/arm/boot/dts/stm32mp15* 4.20}}</pre>	<ul style="list-style-type: none"> 1- arch/arm/boot/dts/ 2- arch/arm/boot/dts/stm32mp15* 3- arch/arm/boot/dts/ (v4.20) 4- arch/arm/boot/dts/stm32mp15* (v4.20) 5- arch/arm/boot/dts/stm32mp15* (v4.20)
---	---

U-Boot: regular file

```

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}}

```

- 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 \(v2018.03\)](#)

U-Boot: directory

```

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}}

```

- 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* \(v2018.03\)](#)

TF-A: regular file

```

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}}

```

- 1- [Makefile](#)
- 2- [TF-A root makefile - Makefile](#)
- 3- [Makefile \(v1.4\)](#)
- 4- [TF-A root makefile - Makefile \(v1.4\)](#)
- 5- [Makefile](#)

TF-A: directory

```

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*}}

```

- 1- [fdts/](#)
- 2- [fdts/stm32mp15*](#)
- 3- [fdts/ \(v1.4\)](#)
- 4- [fdts/stm32mp15* \(v1.4\)](#)
- 5- [fdts/stm32mp15*](#)

OP-TEE_OS: regular file

```

1- {{CodeSource | OP-TEE_OS | Makefile}}
2- {{CodeSource | OP-TEE_OS | Makefile |
  OP-TEE OS root makefile - Makefile}}
3- {{CodeSource | OP-TEE_OS | Makefile |

```

```
| 3.3.0}}
4- {{CodeSource | OP-TEE_OS | Makefile |
OP-TEE OS root makefile - Makefile |
3.3.0}}
5- {{CodeSource | OP-TEE_OS | Makefile |
| 3.3.0 | repo=ignored}}
```

- 1- [Makefile](#)
- 2- [OP-TEE OS root makefile - Makefile](#)
- 3- [Makefile \(3.3.0\)](#)
- 4- [OP-TEE OS root makefile - Makefile \(3.3.0\)](#)
- 5- [Makefile \(3.3.0\)](#)

OP-TEE_OS: directory

```
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/ | | 3.3.0}}
4- {{CodeSource | OP-TEE_OS | core/arch
/arm/kernel/ | core/arch/arm/kernel/* |
3.3.0}}
5- {{CodeSource | OP-TEE_OS |
repo=ignored | core/arch/arm/kernel/ | |
3.3.0}}
```

- 1- [core/arch/arm/kernel/](#)
- 2- [core/arch/arm/kernel/*](#)
- 3- [core/arch/arm/kernel/ \(3.3.0\)](#)
- 4- [core/arch/arm/kernel/* \(3.3.0\)](#)
- 5- [core/arch/arm/kernel/ \(3.3.0\)](#)

STM32CubeMP1: regular file

```
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}}
```

- 1- [Readme.md](#)
- 2- [STM32CubeMP1 readme](#)
- 3- [Readme.md \(master\)](#)
- 4- [STM32CubeMP1 readme \(master\)](#)
- 5- [STM32CubeMP1 readme \(master\)](#)

STM32CubeMP1: directory

```
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_Dri
ver/Src/}}
```

- 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/](#)

Android: regular file

```
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}}

```

- 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

Android: directory

```

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/}}

```

- 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/

Unsupported domain

```

{{CodeSource | Unsupported domain |
Makefile}}

```

Unsupported domain!

4 Code

Linux kernel:

- For STM STMicroelectronics git

```

[https://github.com/STMicroelectronics/linux/{{#ifeq:{{#sub:{{2}}|-1}}|/|tree|blob}}/{{#if: {{4}}}|v
{{#replace:{{4}}| |}}|v4.19-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-4.19.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}}| |}}|v2018.11-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}}| |}}|v2.0-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}}| |}}|3.3.0-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}} | |} | 1.1.0} / {#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-9.0.0_r46} / {#replace: {{2}} | |} {#if: {{3}} | {{3}} | {{repo}} / {#replace: {{2}} | |} } {#if: {{4}} | ({#replace: {{4}} | |})}]

Unsupported domain!

Trusted Firmware for Arm Cortex-A

Open Portable Trusted Execution Environment

Operating System

Hardware Abstraction Layer

System Trace Module