1 example_crate

1.1 Crate pub example_crate

- example_crate::abc
- example_crate::KindOfReprC
- example_crate::ReturnType
- example_crate::AnEnum
- example_crate::TestUnion
- example_crate::function_item
- example_crate::complicated_function
- example_crate::extern_c
- example_crate::A_STATIC
- example_crate::A_CONST
- example_crate::A_CONST_LITERAL
- example_crate::A_STR_LITERAL

1.2 Module pub example_crate::abc

- example_crate::abc::SimpleType

1.3 Struct pub example_crate::abc::SimpleType

```
pub struct SimpleType;
```

A simple type.

1.4 Struct pub example_crate::KindOfReprC

```
#[repr(C)]
pub struct KindOfReprC(
    pub u8
)
```

Fields

0: u8

A struct with repr annotation.

1.5 Struct pub example_crate::ReturnType

```
1  pub struct ReturnType;
```

This is used as a return type.

1.6 Enum pub example_crate::AnEnum

```
1  pub enum example_crate::AnEnum {
2      VariantA,
3      VariantB,
4      VariantStruct,
5  }
```

Variants

`VariantA`

`VariantB`

`VariantStruct`

An enum with different variants.

1.7 Struct pub example_crate::TestUnion

```
1  pub struct TestUnion{
2      pub a: ()    pub b: usize
3  }
```

Fields

`a: ()`

`b: usize`

1.8 Function pub example_crate::function_item

```
1  pub fn function_item(param: usize) -> ReturnType
```

A normal function.

1.9 Function pub example_crate::complicated_function

```
pub fn complicated_function(
    long_parameter_name_but_still_okay: usize,
    oh_no_a_second_parameter: usize,
    and_a_third_one_definitely_makes_the_signature_long: usize
) -> usize
```

A function with a very long signature.

1.10 Function pub example_crate::extern_c

```
pub extern "C" fn extern_c()
```

A function with a non-Rust ABI.

1.11 Static pub example_crate::A_STATIC

```
pub static A_STATIC: KindOfReprC;
```

A static, not a constant.

1.12 Constant pub example_crate::A_CONST

```
pub const A_CONST: KindOfReprC = KindOfReprC(0u8);
```

A constant with some arbitrary type.

1.13 Constant pub example_crate::A_CONST_LITERAL

```
pub const A_CONST_LITERAL: u8 = 0u8;
```

A literal number.

1.14 Constant pub example_crate::A_STR_LITERAL

```
pub const A_STR_LITERAL: &'static str = "string literal";
```

Wow, more literals.