

# Hello World

Using the `console!` macro from the `stylus_sdk` allows you to print output to the terminal for debugging purposes. To view the output, you'll need to run a local Stylus dev node as described in the [Arbitrum docs](#) and set the debug feature flag as shown in line 7 of the `Cargo.toml` file below.

The `console!` macro works similar to the built-in `println!` macro that comes with Rust.

## Examples

```
note This code has yet to be audited. Please use at your own risk. // Out: Stylus says: 'hello there!' console! ( "hello there!" )
; // Out: Stylus says: 'format some arguments' console! ( "format {} arguments" ,
"some" ) ;

let local_variable =

"Stylus" ; // Out: Stylus says: 'Stylus is awesome!' console! ( "{local_variable} is awesome!" ) ; // Out: Stylus says: 'When will
you try out Stylus?' console! ( "When will you try out {}?" , local_variable ) ;
```

## src/main.rs

## #![cfg\_attr(not(feature =

```
"export-abi" ), no_main)]
```

```
extern
```

```
crate
```

```
alloc ;
```

```
use
```

```
stylus_sdk :: { console ,
```

```
prelude :: * ,
```

```
stylus_proc :: entrypoint ,
```

```
ArbResult } ;
```

## [storage]

## [entrypoint]

```
pub
```

```
struct
```

```
Hello ;
```

## [public]

```
impl
```

```
Hello
```

```
{ fn
```

```
user_main ( _input :
```

```
Vec < u8
```

```
)
```

->

ArbResult

```
{ // Will print 'Stylus says: Hello Stylus!' on your local dev node // Be sure to add "debug" feature flag to your Cargo.toml file  
as // shown below. console! ( "Hello Stylus!" ) ; Ok ( Vec :: new ( ) ) }
```

## Cargo.toml

[ package ] name

=

"stylus\_hello\_world" version

=

"0.1.7" edition

=

"2021" license

=

"MIT OR Apache-2.0" keywords

=

[ "arbitrum" ,

"ethereum" ,

"stylus" ,

"alloy" ]

[ dependencies ] alloy-primitives

=

"=0.7.6" alloy-sol-types

=

"=0.7.6" mini-alloc

=

"0.4.2" stylus-sdk

=

{

version

=

"0.6.0" ,

features

=

[ "debug" ]

} hex

=

"0.4.3" sha3

=

"0.10"

[ dev-dependencies ] tokio

=

{

version

=

"1.12.0" ,

features

=

[ "full" ]

} ethers

=

"2.0" eyre

=

"0.6.8"

[ features ] export-abi

=

[ "stylus-sdk/export-abi" ]

[ lib ] crate-type

=

[ "lib" ,

"cdylib" ]

[ profile.release ] codegen-units

=

1 strip

=

true lto

=

true panic

=

"abort" opt-level

=

"s" [Edit this page](#) [Previous Overview](#) [Next Primitive Data Types](#)