

codegen-backend

The tracking issue for this feature is: #77933.

This feature allows you to specify a path to a dynamic library to use as rustc's code generation backend at runtime.

Set the `-Zcodegen-backend=<path>` compiler flag to specify the location of the backend. The library must be of crate type `dylib` and must contain a function named `__rustc_codegen_backend` with a signature of `fn() -> Box<dyn rustc_codegen_ssa::traits::CodegenBackend>`.

Example

See also the `hotplug_codegen_backend` test for a full example.

```
“rust,ignore (partial-example) use rustc_codegen_ssa::traits::CodegenBackend;

struct MyBackend;

impl CodegenBackend for MyBackend { // Implement codegen methods }

#[no_mangle] pub fn __rustc_codegen_backend() -> Box { Box::new(MyBackend)
} “
```