



Ripgrep search.rs: Code Companion

Reference code for the search.rs lecture. Sections correspond to the lecture document.

Section 1: The Config Struct

```
/// The configuration for the search worker.
///
/// Among a few other things, the configuration primarily controls the way we
/// show search results to users at a very high level.
#[derive(Clone, Debug)]
struct Config {
    preprocessor: Option<std::path::PathBuf>,
    preprocessor_globs: ignore::overrides::Override,
    search_zip: bool,
    binary_implicit: grep::searcher::BinaryDetection,
    binary_explicit: grep::searcher::BinaryDetection,
}

impl Default for Config {
    fn default() -> Config {
        Config {
            preprocessor: None,
            preprocessor_globs: ignore::overrides::Override::empty(),
            search_zip: false,
            binary_implicit: grep::searcher::BinaryDetection::none(),
            binary_explicit: grep::searcher::BinaryDetection::none(),
        }
    }
}
```

Config field purposes:

Field	Type	Purpose
<code>preprocessor</code>	<code>Option<PathBuf></code>	External command to transform files
<code>preprocessor_globs</code>	<code>Override</code>	Which files to preprocess

