gleam-lang / **gleam** Public

Code | Issues 166 | Pull requests 47 | Discussions | Actions | Projects

Commit `1aa5d8e`

lpil committed 3 weeks ago · 14 / 14

```
Error immediately for invalid config
```

main · v1.16.0 ••• v1.16.0-rc1

1 parent b30d200 commit 1aa5d8e

4 files changed +128 -10

Top

Filter files…

- CHANGELOG.md
- compiler-core/src
  - config.rs
  - snapshots
    - gleam_core__config__invalid_dependency_name.snap
    - gleam_core__config__invalid_dev_dependency_name.snap

Search within code

CHANGELOG.md

```
@@ -173,6 +173,10 @@
173 173  - New Gleam packages are generated requiring >= 0.70.0 of `gleam_stdlib`.
174 174    ([Louis Pilfold](https://github.com/lpil))
175 175
    176 + - `gleam.toml` files with invalid dependency names now raise an error
    177 +   immediately when the file is parsed.
    178 +   ([Louis Pilfold](https://github.com/lpil))
```

```
                179 +
176             180 - Documentation for `--target` option has been improved to include more
177             181   details.
178             182   ([Andrey Kozhev](https://github.com/ankddev))
```

compiler-core/src/config.rs

```
                    @@ -163,9 +163,18 @@ pub struct PackageConfig {
163             163       pub description: EcoString,
164             164       #[serde(default, alias = "docs")]
165             165       pub documentation: Docs,
166             -     #[serde(default, serialize_with = "ordered_map")]
                166 +     #[serde(
                167 +         default,
                168 +         serialize_with = "ordered_map",
                169 +         deserialize_with = "dependencies_map::deserialize"
                170 +     )]
167             171       pub dependencies: Dependencies,
168             -     #[serde(default, alias = "dev-dependencies", serialize_with =
                    "ordered_map")]
                172 +     #[serde(
                173 +         default,
                174 +         alias = "dev-dependencies",
                175 +         serialize_with = "ordered_map",
                176 +         deserialize_with = "dependencies_map::deserialize"
                177 +     )]
169             178       pub dev_dependencies: Dependencies,
170             179       #[serde(default)]
171             180       pub repository: Option<Repository>,
                    @@ -362,6 +371,34 @@ aide_generator = { git =
                    "git@github.com:crowdhailer/aide.git", ref = "f559c5bc"
362             371       insta::assert_snapshot!(insta::internals::AutoName,
                    error.pretty_string());
363             372   }
364             373
                374 + #[test]
                375 + fn invalid_dependency_name() {
                376 +     let toml = r#"
                377 + name = "wibble"
                378 + version = "1.0.0"
```

```
                379 +
                380 + [dependencies]
                381 + Hello = "> 1.0.0"
                382 + "#;
                383 +     let error = deserialise_config("gleam.toml", toml.into())
                384 +         .expect_err("should fail to deserialise because invalid name");
                385 +     insta::assert_snapshot!(insta::internals::AutoName,
                      error.pretty_string());
                386 + }
                387 +
                388 + #[test]
                389 + fn invalid_dev_dependency_name() {
                390 +     let toml = r#"
                391 + name = "wibble"
                392 + version = "1.0.0"
                393 +
                394 + [dev_dependencies]
                395 + "yes." = "> 1.0.0"
                396 + "#;
                397 +     let error = deserialise_config("gleam.toml", toml.into())
                398 +         .expect_err("should fail to deserialise because invalid name");
                399 +     insta::assert_snapshot!(insta::internals::AutoName,
                      error.pretty_string());
                400 + }
                401 +
 365            402   #[test]
 366            403   fn locked_no_manifest() {
 367            404       let mut config = PackageConfig::default();
                      @@ -1067,11 +1104,8 @@ mod uri_serde_default_https {
1067           1104
1068           1105   mod package_name {
1069           1106       use ecow::EcoString;
1070                  -    use regex::Regex;
1071           1107       use serde::Deserializer;
1072                  -    use std::{fmt, sync::OnceLock};
1073                  -
1074                  -    static PACKAGE_NAME_PATTERN: OnceLock<Regex> = OnceLock::new();
                1108 +    use std::fmt;
1075           1109
```

```
1076  1110        pub fn deserialize<'de, D>(deserializer: D) -> Result<EcoString,
                  D::Error>
1077  1111        where
      @@ -1093,10 +1127,7 @@ mod package_name {
1093  1127            where
1094  1128                E: serde::de::Error,
1095  1129            {
1096        -             if PACKAGE_NAME_PATTERN
1097        -                 .get_or_init(|| Regex::new("^[a-z][a-z0-
                  9_]*$").expect("Package name regex"))
1098        -                 .is_match(value)
1099        -             {
      1130  +             if super::is_valid_package_name(value) {
1100  1131                    Ok(value.into())
1101  1132                } else {
1102  1133                    let error =
      @@ -1107,6 +1138,53 @@ mod package_name {
1107  1138        }
1108  1139    }
1109  1140
      1141  + mod dependencies_map {
      1142  +     use ecow::EcoString;
      1143  +     use serde::{Deserialize, Deserializer, de};
      1144  +     use std::collections::HashMap;
      1145  +
      1146  +     pub fn deserialize<'de, D, V>(deserializer: D) ->
                  Result<HashMap<EcoString, V>, D::Error>
      1147  +     where
      1148  +         D: Deserializer<'de>,
      1149  +         V: Deserialize<'de>,
      1150  +     {
      1151  +         struct DependenciesVisitor<V>(std::marker::PhantomData<V>);
      1152  +
      1153  +         impl<'de, V: Deserialize<'de>> de::Visitor<'de> for
                  DependenciesVisitor<V> {
      1154  +             type Value = HashMap<EcoString, V>;
      1155  +
      1156  +             fn expecting(&self, f: &mut std::fmt::Formatter<'_>) ->
                  std::fmt::Result {
      1157  +                 write!(f, "a map with valid package name keys")
```

```
1158 +             }
1159 +
1160 +             fn visit_map<A: de::MapAccess<'de>>(self, mut map: A) ->
     Result<Self::Value, A::Error> {
1161 +                 let mut dependencies = HashMap::new();
1162 +                 while let Some(key) = map.next_key::<EcoString>()? {
1163 +                     if !super::is_valid_package_name(&key) {
1164 +                         return Err(de::Error::invalid_value(
1165 +                             de::Unexpected::Str(&key),
1166 +                             &"a package name containing only lowercase
     letter, numbers, and underscores",
1167 +                         ));
1168 +                     }
1169 +                     let _: Option<_> = dependencies.insert(key,
     map.next_value()?);
1170 +                 }
1171 +                 Ok(dependencies)
1172 +             }
1173 +         }
1174 +
1175 +
     deserializer.deserialize_map(DependenciesVisitor(std::marker::PhantomData))
1176 +     }
1177 + }
1178 +
1179 + fn is_valid_package_name(name: &str) -> bool {
1180 +     use regex::Regex;
1181 +     use std::sync::OnceLock;
1182 +     static PACKAGE_NAME_PATTERN: OnceLock<Regex> = OnceLock::new();
1183 +     PACKAGE_NAME_PATTERN
1184 +         .get_or_init(|| Regex::new("^[a-z][a-z0-9_]*$").expect("Package name
     regex"))
1185 +         .is_match(name)
1186 + }
1187 +
1110 1188     #[test]
1111 1189     fn name_with_dash() {
1112 1190         let input = r#"
```

…_core__config__invalid_dependency_name.snap

```
@@ -0,0 +1,18 @@
+ ---
+ source: compiler-core/src/config.rs
+ assertion_line: 385
+ expression: error.pretty_string()
+ ---
+ error: File IO failure
+
+ An error occurred while trying to parse this file:
+
+     gleam.toml
+
+ The error message from the file IO library was:
+
+     TOML parse error at line 5, column 1
+   |
+ 5 | [dependencies]
+   | ^^^^^^^^^^^^^^
+ invalid value: string "Hello", expected a package name containing only lowercase letter, numbers, and underscores
```

…e__config__invalid_dev_dependency_name.snap

```
@@ -0,0 +1,18 @@
+ ---
+ source: compiler-core/src/config.rs
+ assertion_line: 399
+ expression: error.pretty_string()
+ ---
+ error: File IO failure
+
+ An error occurred while trying to parse this file:
+
+     gleam.toml
+
+ The error message from the file IO library was:
+
+     TOML parse error at line 5, column 1
```

```
+   |
+ 5 | [dev_dependencies]
+   | ^^^^^^^^^^^^^^^^^^
+ invalid value: string "yes.", expected a package name containing only lowercase
  letter, numbers, and underscores
```

Comments 0

Please sign in to comment.