

# Common JavaFX Errors & Version Issues

## 1. Version Errors (Java / Gradle / JavaFX)

**Unsupported Java** — Happens when Gradle version is too old for the installed Java version.

**Fix:** Upgrade Gradle to 8.x or use Java 17.

**module not found: javafx.controls** — JavaFX is not added to the module-path.

**Fix:** Add JavaFX plugin in Gradle.

## 2. Module Errors (module-info.java)

**IllegalAccessException (controller)** — Controller package not open to javafx.fxml.

**Fix:** opens package to javafx.fxml.

**IllegalAccessException (TableView)** — Model not open for reflection.

**Fix:** opens package to javafx.base.

## 3. FXML Errors

**Location is required** — FXML file not found.

**Fix:** Check getResource() path and resource folder placement.

**Unable to coerce 10 to Insets** — padding="10" no longer supported.

**Fix:** Use tag for padding.

## 4. TableView Errors

**No property found** — Missing proper getter (getName, getEmail).

**Fix:** Add correct getters.

**Null list** — TableView cannot use a null ObservableList.

**Fix:** Use FXCollections.observableArrayList().

## 5. Resource Errors

**CSS / FXML / Images not found** — Resource is not in src/main/resources.

**Fix:** Move all non-Java files into the resources directory.