

Null Safety

Null safety is a concept that helps us to avoid one of the most common issues in programming - null reference errors. These errors occur when we try to access properties or methods on a null value. With Dart's null safety, we can prevent these errors at compile time, making our code safer and more predictable.

Nullable Types

If you want a variable to hold a null value, you need to explicitly declare it as nullable by using a question mark (?). For example, `int? x;` means that `x` can either hold an integer value or be null.

Null-aware Operators:

?

Used to mark a type as nullable.

?.

Used for null-aware method calls and property access.

??

Provides a default value if the preceding value is null.

??=

Assigns a value only if the variable is currently null.

!

Used to assert that a nullable expression is non-null