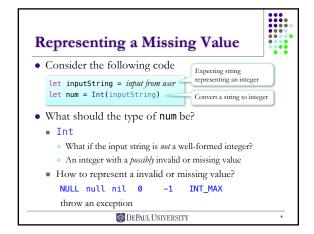


A Swift Primer, Part 2 Optional Types



Special Value nil Swift adopts a different approach for Java, C++, even Objective-C Introducing a special value nil Represents a missing value, i.e., the absence of a valid value or object Not equal to any valid value or object. It is not 0, -1, etc. Can only be used in an optional type Does not belong to any non-optional type Values of non-optional types, i.e., regular types, can never be nil



Optional Types



 An optional type, or optional, is derived from a regular type, i.e., non-optional, Type, by appending a?

Туре

Any non-optional type, basic type or class type, can become an optional type

Int? Counter?

- An optional type is a wrapper that can wrap any type
- An optional type Type? means, it contains either
 - A valid value or object of *Type*, or
 - No value at all, which is represented as nil
- Synonyms: nullable types, non-nullable types

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