kotlin

wy

October 26, 2017

Contents

1 keyword

1.1 as

1. as Type convert variable to Other Type
2. as Name alias otherName for import

1.2 as? Type

1. as convert variable to Other Type?

1.3 by

1. let the impl of interface delegate to anothor object
2. delegate set/get value for var,or get value for val.
   operator fun setValue(thisRef:Any?,property: KProperty<*>)
   operator fun getValue(thisRef:Any?,property: KProperty<*>)

1.4 delegate user agent

1.5 dynamic

1. off kotlin type check for target JS
2. use JS dynamic type

1.6 get,set

1. get , var/val v : Type get() = v
2. set , var v: Type set(value) v = value;, can't init

1.7 where

1. genericity must have ability;

1.8 open,final

1. final ,can't inherit
2. open , opposite of Java's finalss

1.9 infix

1. one method hava only one parameter
2. marked as infix
3. require last two,you can call it by — type fun param —

1.10 inner

1. mark class as an inner class

1.11 private,protected,internal,public

1. the default access control is public
2. inherit access control.

1.11.1 in top-level in file

1. public: can access every one
2. private: can access only in file
3. internal: can access in the same module
4. protected: illegal

1.11.2 in class,interface

1. private: can access only in this class
2. protected: access int this class and it's subclass
3. internal: can access the internal member of which class it can see
4. public: can access the member of which class it can see

1.12 in,out

1. same as java ¡? extends/super T¿,
2. in:¡in T¿,Type may the super Type of T
3. out:¡out T¿,Type may the suber Type of T

1.13 inner

1. inner is modifer inner class,
2. inner class without inner is the static class

1.14 anonymous

1. the anonymous fun,is write with

2 doc

2.1 fun call

1. fun a(a:Int=1,b:Int), can be call by named param,i.e. a(b=2);
2. named param should place after general param

2.2 fun override

1. use keyword override, override fun b()
2. the default param's value will be the base fun's default value

2.3 var val

2.3.1 var

declare mutable variable

2.3.2 val

declare read-only variable

2.4 switch,when