# const & pointer

# 指向常量—内容不能变

## type const \*

int i = 10;

int j = 111;

int const \* p2 = NULL;

// \*p2 = 222; // error: \*p2 is read only

p2 = &j;

// \*p2 = 333; // error: \*p2 is read only

## const type \*

int i = 10;

int j = 111;

const int \* p1;

// \*p1 = 20; // error: \*p1 is read only

p1 = &j;

// \*p1 = 222; // error: \*p1 is read only

# 指针常量—指针的值不能改变

## type \* const

int i = 10;

int j = 111;

int \* const p5 = &i;

\*p5 = 222;

// p5 = &j; // error: p4 is read only

# 都不能改变

## type const \* const

int i = 10;

int j = 111;

int const \* const p5 = &i;

// p5 = &j; // error: p5 is read only

// \*p5 = 222; // error : \*p5 is read only

## type const \* const

int i = 10;

int j = 111;

const int \* const p6 = &i;

// p6 = &j; // error: p6 is read only

// \*p6 = 222; // error : \*p6 is read only