# Package 'pow.int'

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pow.int

### **Arguments**

x a numeric vector giving the base.

n an integer vector giving the exponent.

#### Value

A numeric vector.

#### Note

This function is just a wrapper around R\_pow\_di in the Rmath library.

## Author(s)

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## **Examples**

```
# Basic tests
x <- runif(10)
n <- as.integer(runif(length(x), 0, 100))
stopifnot(all.equal(pow.int(x, n), x ^ n))
stopifnot(all.equal(pow.int(x[1], n), x[1] ^ n))
stopifnot(all.equal(pow.int(x, n[1]), x ^ n[1]))
stopifnot(all.equal(pow.int(x[1:2], n), x[1:2] ^ n))
stopifnot(all.equal(pow.int(x, n[1:2]), x ^ n[1:2]))</pre>
```

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```
%^% (pow.int), 1 pow.int, 1
```