scipy.misc 介绍

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Miscellaneous routines (scipy.misc)

Various utilities that don't have another home.

Note that the Python Imaging Library (PIL) is not a dependency of SciPy and therefore the pilutil module is not available on systems that don't have PIL installed.

ascent()	Get an 8-bit grayscale bit-depth, 512 x 512 derived image for easy use in demos
bytescale(data[, cmin, cmax, high, low])	Byte scales an array (image).
central_diff_weights(Np[, ndiv])	Return weights for an Np-point central derivative.
comb(N, k[, exact, repetition])	The number of combinations of N things taken k at a time.
derivative(func, x0[, dx, n, args, order])	Find the n-th derivative of a function at a point.
face([gray])	Get a 1024 x 768, color image of a raccoon face.
factorial(n[, exact])	The factorial of a number or array of numbers.
factorial2(n[, exact])	Double factorial.
factorialk(n, k[, exact])	Multifactorial of n of order k, n(!!...!).
fromimage(im[, flatten, mode])	Return a copy of a PIL image as a numpy array.
imfilter(arr, ftype)	Simple filtering of an image.
imread(name[, flatten, mode])	Read an image from a file as an array.
imresize(arr, size[, interp, mode])	Resize an image.
imrotate(arr, angle[, interp])	Rotate an image counter-clockwise by angle degrees.
imsave(name, arr[, format])	Save an array as an image.
imshow(arr)	Simple showing of an image through an external viewer.
info([object, maxwidth, output, toplevel])	Get help information for a function, class, or module.
lena()	Function that previously returned an example image
logsumexp(a[, axis, b, keepdims, return_sign])	Compute the log of the sum of exponentials of input elements.
pade(an, m)	Return Pade approximation to a polynomial as the ratio of two polynomials.
toimage(arr[, high, low, cmin, cmax, pal, ...])	Takes a numpy array and returns a PIL image.
source(object[, output])	Print or write to a file the source code for a Numpy object.
who([vardict])	Print the Numpy arrays in the given dictionary.