

Tutorial Example

Programming Tutorials and Examples for Beginners

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An Easy Way to Allow WordPress to Upload WebP Images – WordPress Tutorial



WordPress does not allow us to upload webp images. In this tutorial, we will introduce you how to make wordpress can upload webp images.

Category: WordPress

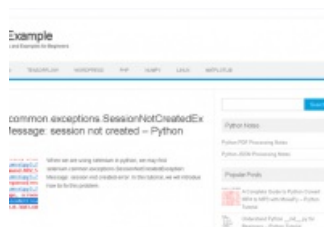
Fix OSError: No wkhtmltoimage executable found: "b" in Python imgkit – Python Tutorial

```
ogramData\Miniconda2\envs\
nfig, cover_first=cover_fi
ogramData\Miniconda2\envs\
ig = Config() if not confi
ogramData\Miniconda2\envs\
khtmltopdf.org\n'.format(s
khtmltoimage executable fo
exists please check that t
```

If you are using python imgkit to convert a html to an image, you may get this error: Fix OSError: No wkhtmltoimage executable found: "b". In this tutorial, we will introduce you how to fix this error.

Category: Python

Python Convert HTML to Image: A Step Guide – Python Tutorial



It is easy to use python to convert a html file to image. In this tutorial, we will introduce you how to do.

Category: Python

Fix TypeError: int() argument must be a string, a bytes-like object or a number, not 'map' – Python Tutorial

```

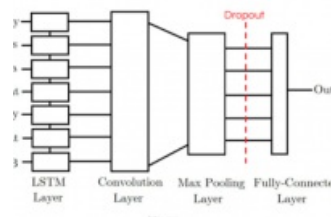
:
ssification-BiLSTM-Gi
type=np.int32))
\envs\py3\lib\site-p:
else, order=order)
a string, a bytes-l

```

In this tutorial, we will introduce you how to fix `TypeError: int() argument must be a string, a bytes-like object or a number, not 'map'` in python.

Category: Python

Text Classification: LSTM+CNN or CNN+LSTM? Which is Better Performance?



Nowadays, LSTM and CNN are combined to implement text classification. As to LSTM+CNN and CNN+LSTM, which model will get better performance? In this tutorial, we will discuss it.

Category: Machine Learning

Understand `TensorArray.gather()` Method with Examples – TensorFlow Tutorial

```

source
er(
indices, name=None
selected values in the TensorArray as a packed Tensor

```

TensorFlow `TensorArray.gather()` function allows us to get some tensor elements by their indices. In this tutorial, we will use some examples to show you how to use this function.

Category: TensorFlow

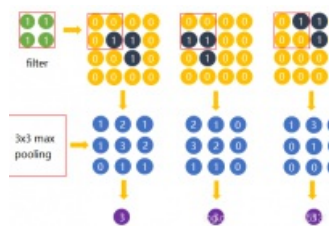
Understand LSTMP (LSTM with Recurrent Projection Layer): Comparing with LSTM

$$\begin{aligned}
 i_t &= \sigma(W_{ix}x_t + W_{ir}r_{t-1} + W_{ic}c_{t-1} + b_i) \\
 f_t &= \sigma(W_{fx}x_t + W_{fr}r_{t-1} + W_{fc}c_{t-1} + b_f) \\
 o_t &= \sigma(W_{ox}x_t + W_{or}r_{t-1} + W_{oc}c_{t-1} + b_o) \\
 n_t &= \sigma(W_{nx}x_t + W_{nr}r_{t-1} + W_{nc}c_{t-1} + b_n) \\
 m_t &= o_t \odot h(c_t) \\
 r_t &= W_{rm}m_t \\
 p_t &= W_{pm}m_t \\
 y_t &= W_{yr}r_t + W_{yp}p_t + b_y
 \end{aligned}$$

LSTMP (LSTM with Recurrent Projection Layer) is an improvement of LSTM with peephole connections. In this tutorial, we will introduce this model for LSTM Beginners.

Category: Long Short-Term Memory Network

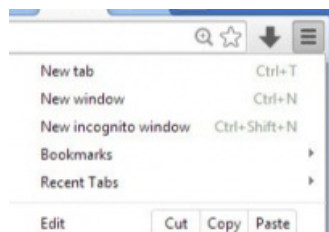
Understand max-pooling Operation in Neural Networks – Machine Learning Tutorial



max-pooling operation is a common operation in neural networks. Especially, if you are using convolutional networks. It may be used. In this tutorial, we will introduce it for machine learning beginners.

Category: Machine Learning

JavaScript Detect Web Page Zoom Level in Browsers – JavaScript Examples



We can press ctrl and + or ctrl and – to zoom in or zoom out a web page. In this tutorial, we will introduce you how to detect the zoom level using javascript.

Category: Machine Learning

Understand the Relationship Between Pearson Correlation Coefficient and Cosine Similarity – Machine Learning Tutorial

$$\begin{aligned} r(x, y) &= \frac{\sum_i (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum_i (x_i - \bar{x})^2} \sqrt{\sum_i (y_i - \bar{y})^2}} \\ &= \frac{\langle x - \bar{x}, y - \bar{y} \rangle}{\|x - \bar{x}\| \|y - \bar{y}\|} \\ &= \text{CosSim}(x - \bar{x}, y - \bar{y}) \end{aligned}$$

Pearson Correlation Coefficient and Cosine Similarity can measure the correlation between two variables, both of them are in [-1, 1]. In this tutorial, we will discuss the relationship between them.

Category: Machine Learning

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