```
from tensorflow.keras.applications.resnet50 import ResNet50
from tensorflow.keras.utils import plot_model
from tensorflow.keras.preprocessing import image
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```
def plot_curves_confusion (history,confusion_matrix,class_names):
  plt.figure(1,figsize=(16,6))
  plt.gcf().subplots_adjust(left = 0.125, bottom = 0.2, right = 1,
                            top = 0.9, wspace = 0.25, hspace = 0)

  # division de la fenêtre graphique en 1 ligne, 3 colonnes,
  # graphique en position 1 - loss fonction

  plt.subplot(1,3,1)
  plt.plot(history.history['loss'])
  plt.plot(history.history['val_loss'])
  plt.title('model loss')
  plt.ylabel('loss')
  plt.xlabel('epoch')
  plt.legend(['Training loss', 'Validation loss'], loc='upper left')
  # graphique en position 2 - accuracy
  plt.subplot(1,3,2)
  plt.plot(history.history['accuracy'])
  plt.plot(history.history['val_accuracy'])
  plt.title('model accuracy')
  plt.ylabel('accuracy')
  plt.xlabel('epoch')
  plt.legend(['Training accuracy', 'Validation accuracy'], loc='upper left')
```