

Çağrı Erciyes:

I wrote “findRectangle” and removing stem functions in segmentation operations with OpenCV and also tried the Watersheed algorithm. K-means is better than that.

İlke Çuğu:

Python script for gathering Caffe NN layers’ output images is written and added to GitLab. Layer output images of an “At Kestanesi” leaf are added to OpenProject. Probability data of Caffe’s identification results are obtained and results of 30+ leaf images are added to OpenProject. A client class is written with Java.

Eren Şener:

I have trained and tested neural networks with leaf images’ 42 features. At first, I have trained with 10 species and I got 67% as accuracy. Then I trained with 30 species. Accuracy fell down to 37%. And while training neural networks, I extracted features of 30 species and saved them as Matlab workspace variables. Now, they are ready to be used SVM trainings. I also found images of 15 new species.

Burak Balcı:

Background elimination code is completed. I am working on connected component analysis.

Emre Akın:

- Java client class coming from İlke is integrated to the Android application by adding asynchronous threads and adapting it.
 - Results coming from server now are shown to the user as a list view with colour percentages. I mean that the more percentage, the darker colour.
 - While loading image from gallery, there was a memory leak. It is fixed by scaling down before loading it.
 - While saving image to sdcard, the image was not seen in the gallery. It is fixed by sending broadcast.
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