public with sharing class SampleEsigliveExample {

public SampleEsigliveExample(){}

public static void createPackageWithDocumentsExample(String packageName, Boolean autocomplete,

String packageDescription, DateTime packageDue,

String emailMessage)

{

ESignLiveSDK sdk = new ESignLiveSDK();

// Set up the example package and Document data

ESignLiveAPIObjects.Package\_x pkg = new ESignLiveAPIObjects.Package\_x();

Map<String,Blob> blobMap = new Map<String,Blob>();

Blob b1 = Blob.valueOf('testDocumentOne');

Attachment att = [select id,body,name from attachment where parentId='a6lE0000000Gq56'];

Blob document = att.body;

BLob b2 = Blob.valueOf('test');

//blobMap.put('testDocumentOne', b1);

blobMap.put('testDocumentOne', document);

//blobMap.put('testDocumentTwo', b2);

pkg.name = packageName;

pkg.autocomplete = autocomplete;

pkg.description = packageDescription;

pkg.due = packageDue;

pkg.status = ESignLiveAPIObjects.PackageStatus.SENT;

ESignLiveAPIObjects.ExtractAnchor ea = new ESignLiveAPIObjects.ExtractAnchor();

ea.text = 'TEL.';//att.name;

ea.index = 0;

ea.width = 200;

ea.height = 70;

ea.anchorPoint = ESignLiveAPIObjects.AnchorPoint.TOPRIGHT;

ea.characterIndex = 0;

ea.leftOffset = 0;

ea.topOffset = 10;

ESignLiveAPIObjects.Field f1 = new ESignLiveAPIObjects.Field();

f1.type = 'SIGNATURE';

f1.page = 0;

f1.extract = true;

f1.left = 0;

f1.subtype = 'FULLNAME';

f1.top = 0;

f1.extractAnchor = ea;

ESignLiveAPIObjects.ExtractAnchor ea2 = new ESignLiveAPIObjects.ExtractAnchor();

ea2.text = 'TEL.;//att.name;

ea2.index = 1;

ea2.width = 200;

ea2.height = 70;

ea2.anchorPoint = ESignLiveAPIObjects.AnchorPoint.TOPRIGHT;

ea2.characterIndex = 0;

ea2.leftOffset = 0;

ea2.topOffset = 10;

ESignLiveAPIObjects.Field f2 = new ESignLiveAPIObjects.Field();

f2.type = 'SIGNATURE';

f2.page = 0;

f2.extract = true;

f2.left = 0;

f2.subtype = 'FULLNAME';

f2.binding = '{approval.signed}';

f2.top = 0;

f2.extractAnchor = ea2;

// Create request

List<ESignLiveAPIObjects.AuthChallenge> challenges = new List<ESignLiveAPIObjects.AuthChallenge>();

ESignLiveAPIObjects.Delivery delivery = new ESignLiveAPIObjects.Delivery();

delivery.email = true;

delivery.provider = true;

ESignLiveAPIObjects.Auth auth = new ESignLiveAPIObjects.Auth();

auth.challenges = challenges;

auth.scheme = ESignLiveAPIObjects.AuthScheme.NONE;

ESignLiveAPIObjects.Signer signer = new ESignLiveAPIObjects.Signer();

signer.auth = auth;

signer.delivery = delivery;

signer.firstName = UserInfo.getFirstName();

signer.lastName = UserInfo.getLastName();

signer.email = UserInfo.getUserEmail();

signer.name = UserInfo.getFirstName() + UserInfo.getLastName();

List<ESignLiveAPIObjects.Signer> signers = new List<ESignLiveAPIObjects.Signer>();

signers.add(signer);

ESignLiveAPIObjects.Role role = new ESignLiveAPIObjects.Role();

role.signers = signers;

role.reassign = true;

role.name = UserInfo.getFirstName() + UserInfo.getLastName();

role.id = UserInfo.getFirstName() + UserInfo.getLastName();

role.type = 'SIGNER';

// role.index = 1; This will set siging order

ESignLiveAPIObjects.Approval approval0 = new ESignLiveAPIObjects.Approval();

approval0.role = UserInfo.getFirstName() + UserInfo.getLastName();

approval0.fields = new List<ESignLiveAPIObjects.Field> {f1 };

ESignLiveAPIObjects.Approval approval2 = new ESignLiveAPIObjects.Approval();

approval2.role = UserInfo.getFirstName() + UserInfo.getLastName();

approval2.fields = new List<ESignLiveAPIObjects.Field> {f2};

ESignLiveAPIObjects.Document doc1 = new ESignLiveAPIObjects.Document();

doc1.name = 'testDocumentOne';

doc1.id = 'testDocumentOneid';

doc1.approvals = new List<ESignLiveAPIObjects.Approval> {approval0,approval2};

pkg.documents = new List<ESignLiveAPIObjects.Document> {doc1};

pkg.roles = new List<ESignLiveAPIObjects.Role> {role};

// Call the SDK method and get the packageId which is returned from the SDK method

String response = sdk.createPackage(pkg,blobMap);

// Print the packageId to console

System.debug('=> Response from createPackageWithDocumentsExample ===: ' + response);

if (response != null && response != '') {

signDocuments(response);

}

}

private static void signDocuments(String response) {

HttpRequest request = new HttpRequest();

request.setEndpoint('https://sandbox.esignlive.com/api/packages/' + response + '/documents/signed\_documents');

request.setBody('{"documents": [{"id": "testDocumentOneid","name": "testDocumentOne"}]}');

request.setMethod('POST');

request.setHeader('Authorization', 'Basic ' + ‘XXXXXXXXXXXXXXXxxxxxxxxxxxxxxxxxxxxxx');

request.setHeader('Content-type', 'application/json');

request.setHeader('Accept', 'application/json');

HttpResponse res = (new Http()).send(request);

system.debug('3=== ' + res.getbody());

}

}