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());

 }

}