

ELU Maailmalõpukella paigaldusjuhend Visual Studios

1. Läbi android emulaator ja VS 2019

Lugu on teine, kui on vajadus koodi või funktsionaalsuse muuta.

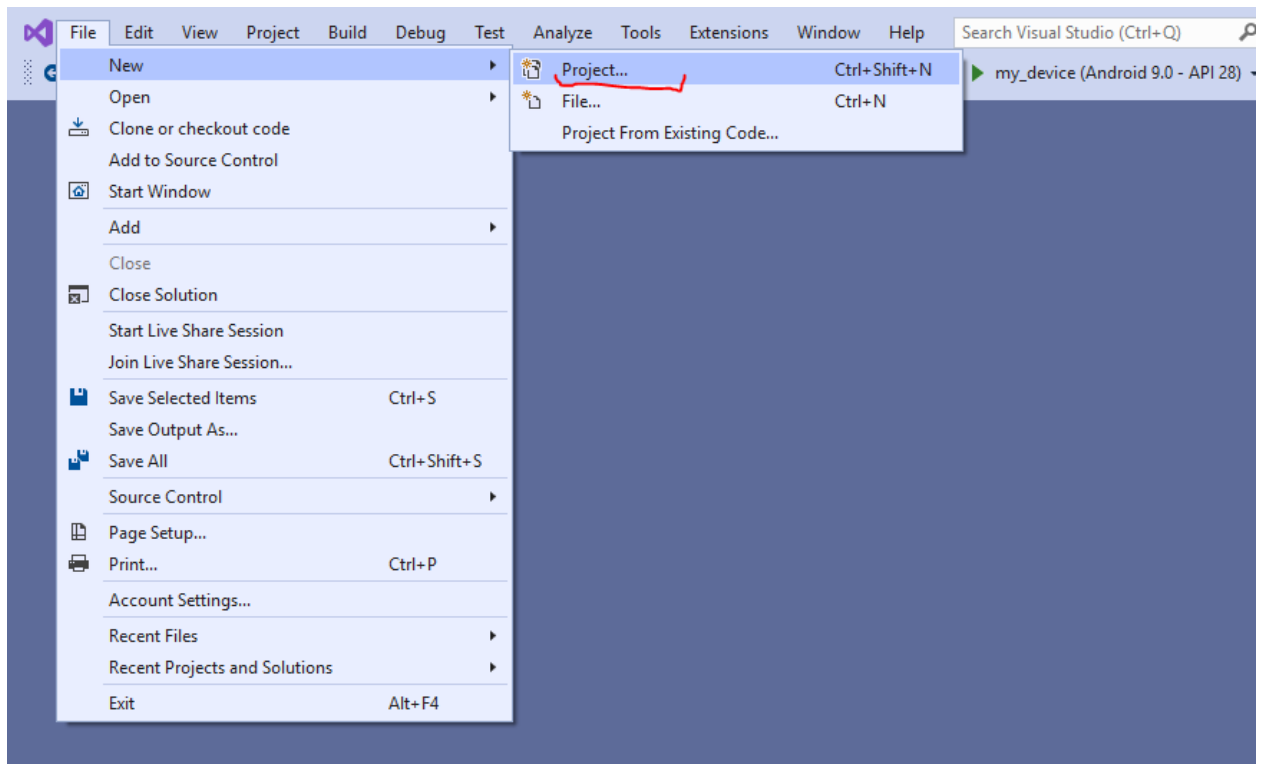
1.1 Vajalikud komponendid

Visual Studio 2019

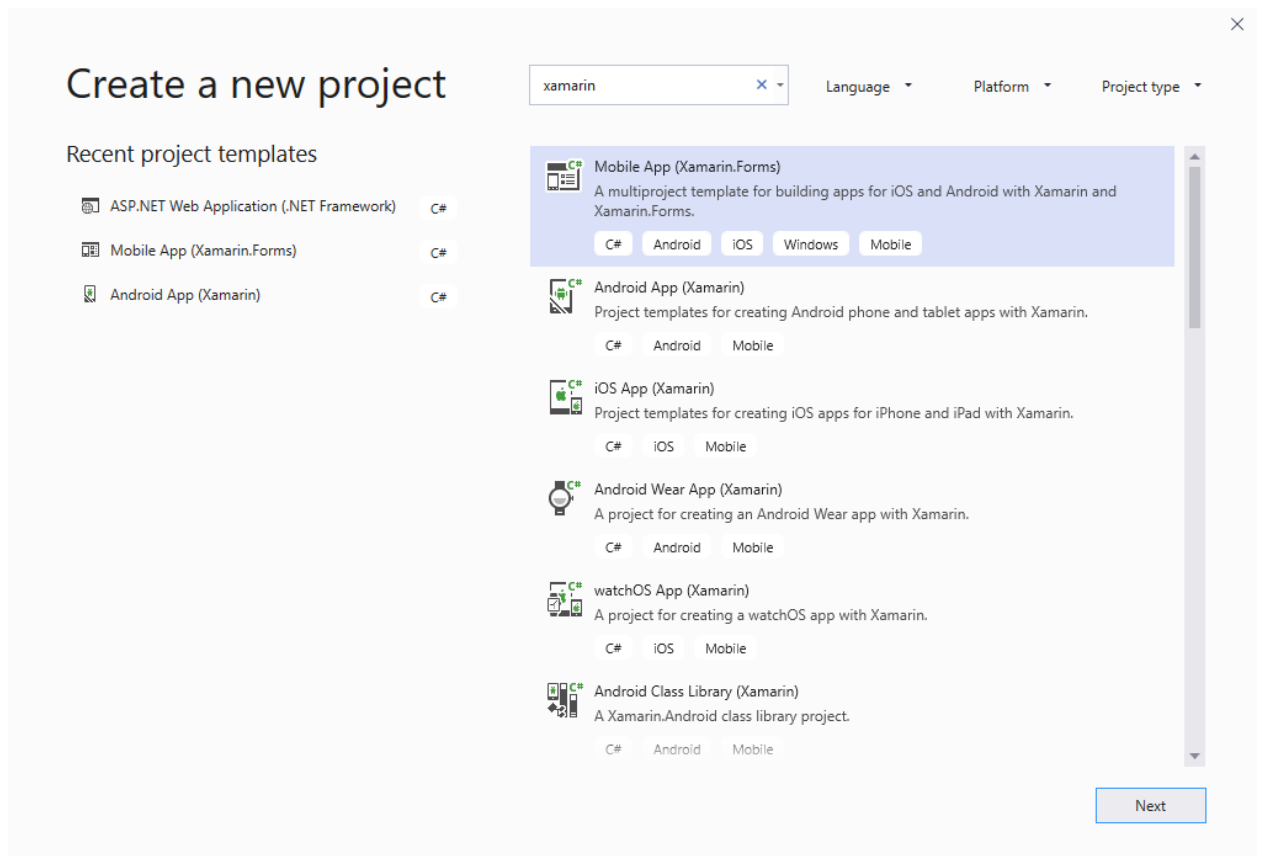
Mobile Development with .NET Visual Studio 2019 extension

1.2 Paigaldamine ja emuleerimine

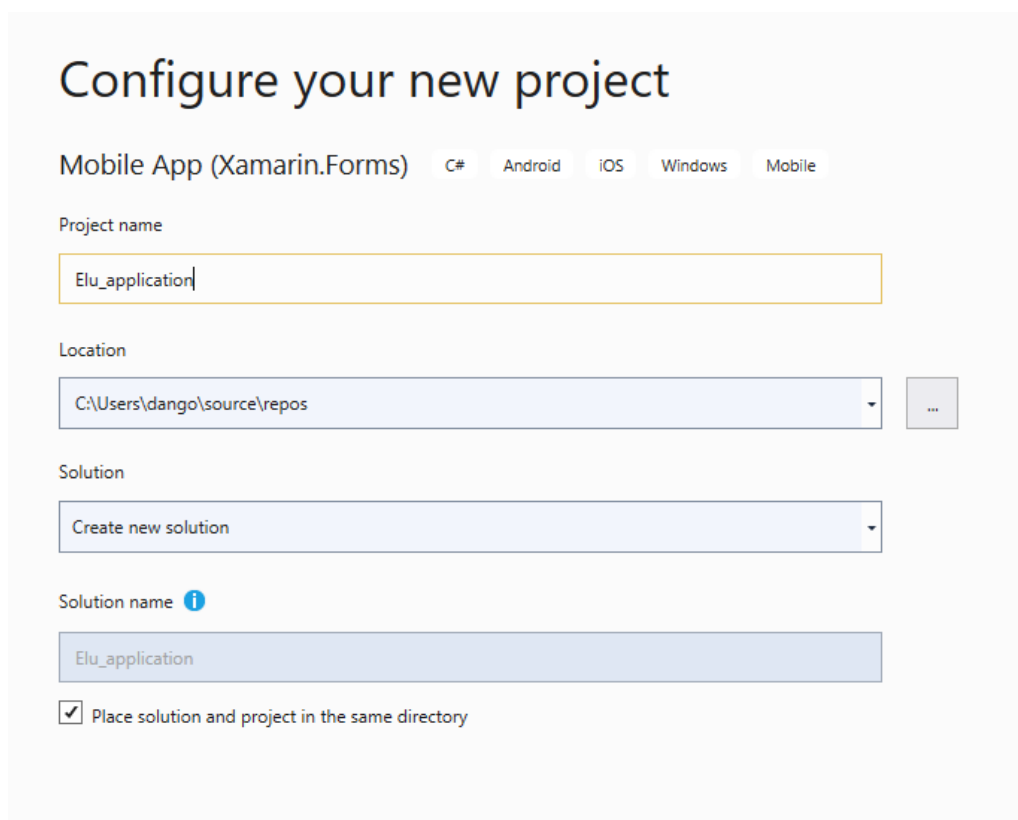
Alguses loome uues projekti



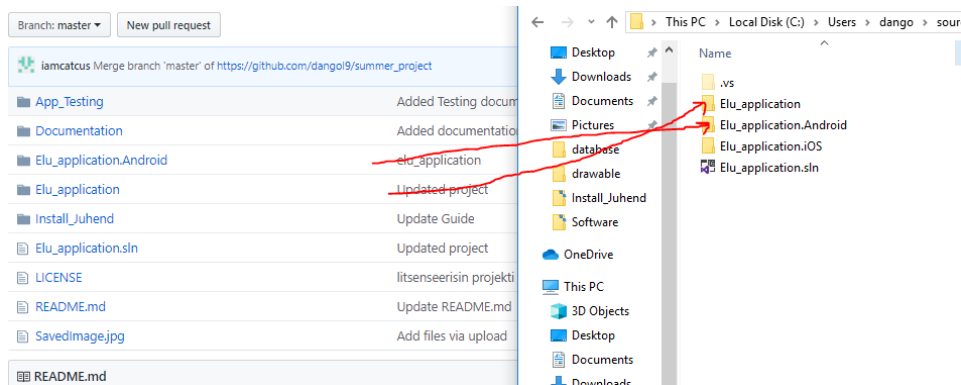
Siin valime Xamarin.Forms Mobile App



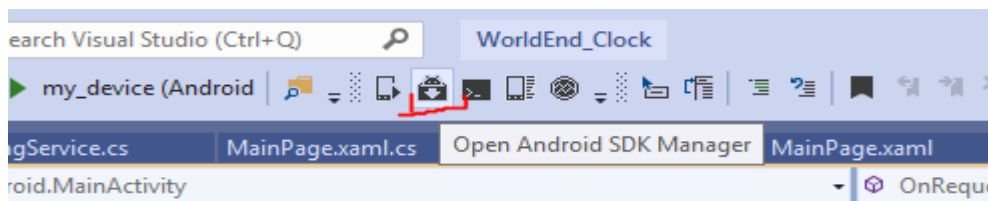
Paneme nimeks Elu_application ja loome projekti



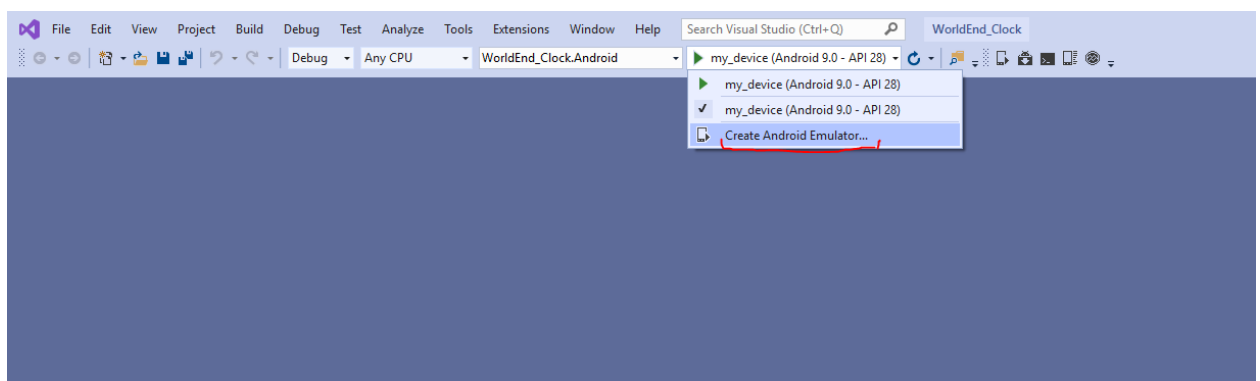
Siis GitHub-ist võtame kaustad Elu_application.Android ja Elu_application ja paneme kõik nende sisu meie projektile samadele kaustadele



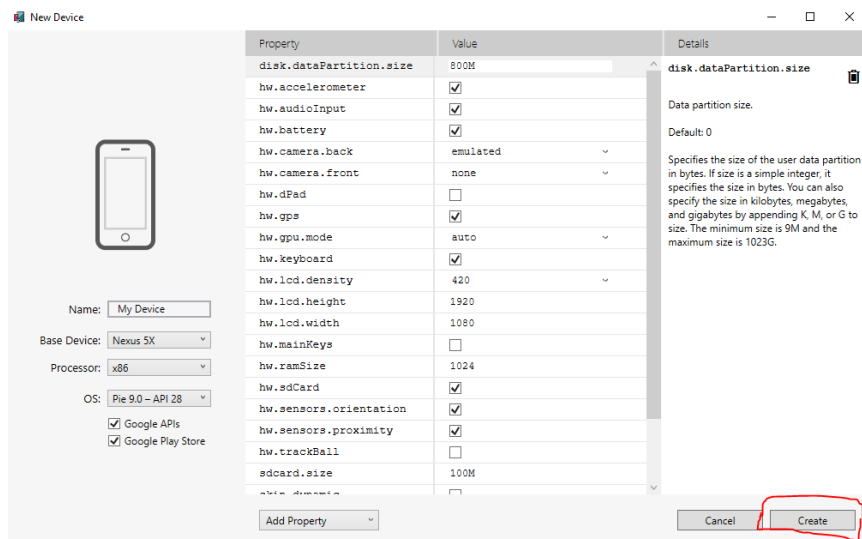
API-d saab kätte Android SDK Manager-is



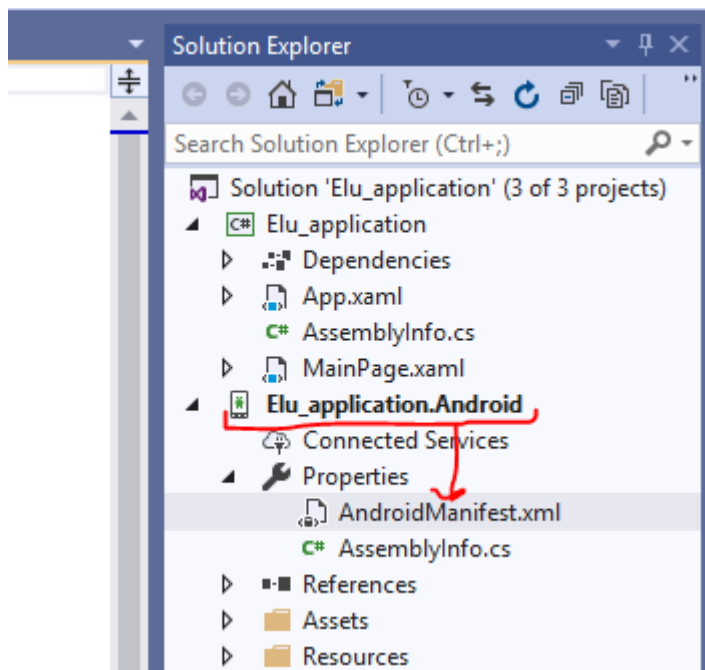
Valime luua emulaatori



Paigaldame emulaatori (Android Pie 9.0 emulaator (minimaalne API tase – 18, soovitatav API tase - 28))



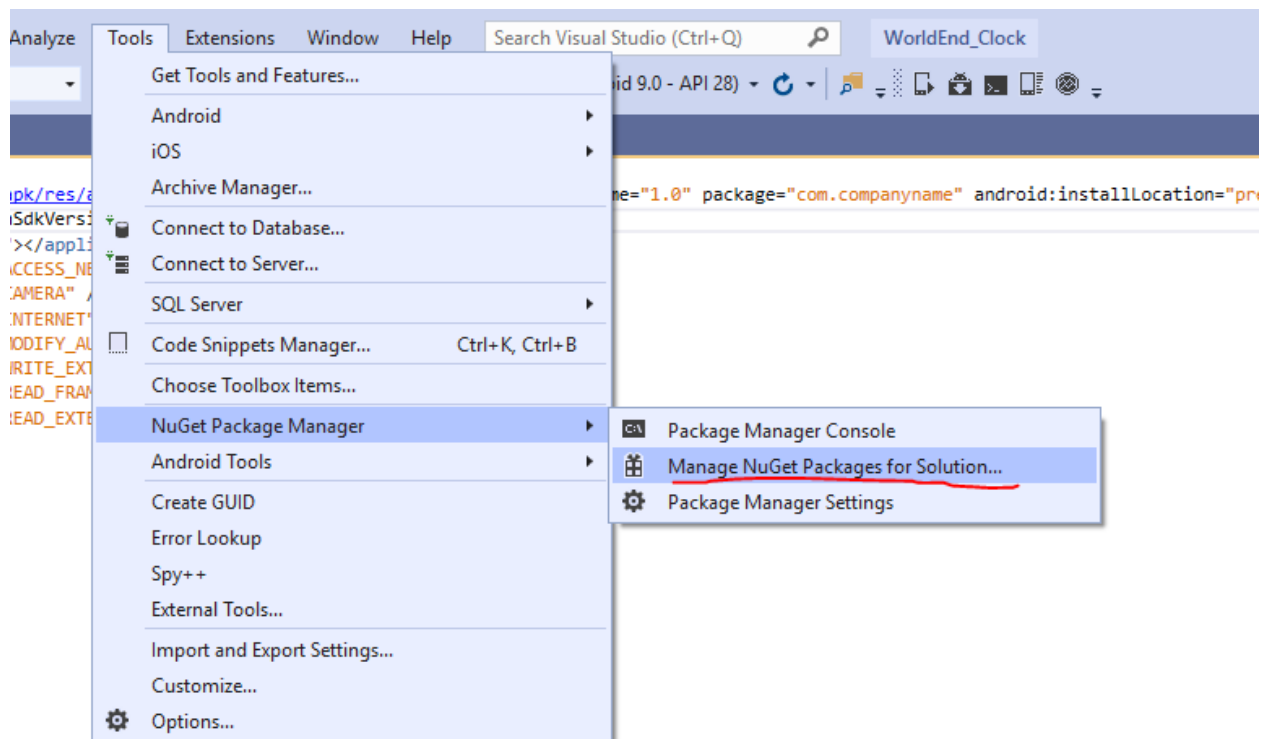
Et minimaalne tase muuta – tuleb AndroidManifest.xml ära muuta Elu_application.Android/Properties sees.







Tuleb minSdkVersion panna **18** ja siis salvestada

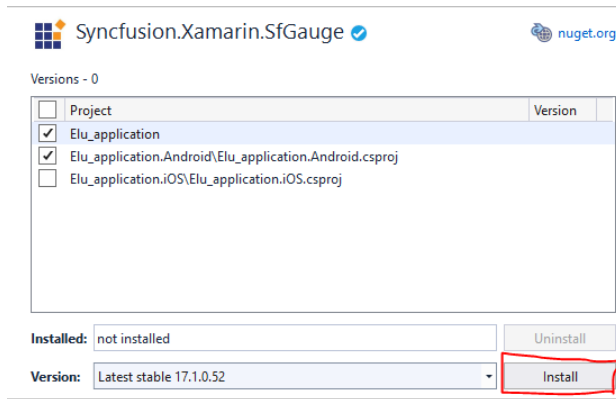
```
AndroidManifest.xml*  X
1  <?xml version="1.0" encoding="utf-8"?>
2  <manifest xmlns:android="http://schemas.android.com/apk/res/android" android:vers
3  <uses-sdk android:minSdkVersion="18" android:targetSdkVersion="28" />
4  <application android:label="Elu_application.Android"></application>
5  <uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" />
6  </manifest>
7
```

Siis on vaja luua vastavad plugin-id:

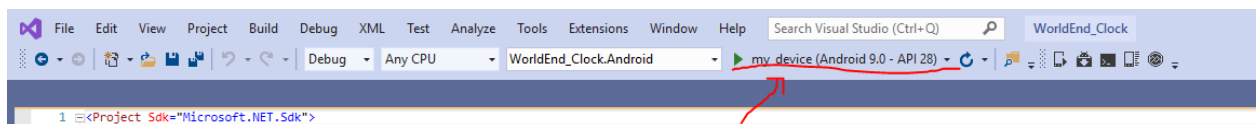


	Plugin.Permissions by James Montemagno	v3.0.0.12
Check to see if your users have granted or denied permissions for common permission groups on iOS and Android. Additionally, you can request permissions with a simple cross-platform async/awaitified API.		
	sqlite-net-pcl by Frank A. Krueger	v1.5.231
SQLite-net Official Portable Library is the easy way to access sqlite from .NET apps.		
	Syncfusion.Xamarin.SfGauge by Syncfusion Inc.	v17.1.0.52
Syncfusion Gauge for Xamarin.Forms is a data visualization component that helps display numerical values. The appearance of the gauge can be fully customized to seamlessly integrate with your applications.		
	ZXing.Net.Mobile by Redth	v2.4.1
ZXing Barcode Scanning for your Xamarin.iOS, Xamarin.Android, Windows Phone (Silverlight) and Windows Universal apps!		

Teha kõikidele plugin-idele:



Siis tuleb rakendus käima panna ja oodata:



Emulaator läks tööle ja rakendus töötab nüüd:



2. Failide lühikirjeldused

cards.cs – see, mis rakendus võtab andmebaasist

DatabaseManager.cs – andmebaasi mäenedzer

IDBInterface - andmebaasi ühendus

MainPage.xaml – vormistamis fail (HTML-sarnane)

MainPage.xaml.cs – funktsioonide määramine .xaml failis

QrScanningService – QR-skännerimise fail

DatabaseService.cs – andmebaasi informatsiooni võtamine

Assets/Cards.db – andmebaas

Service/IQrScanningService – QR skannerimise funktsioon