.NET Conf
"Focus on Xamarin"
.NET
focus.dotnetconf.net

Boosting Your Xamarin Development Productivity

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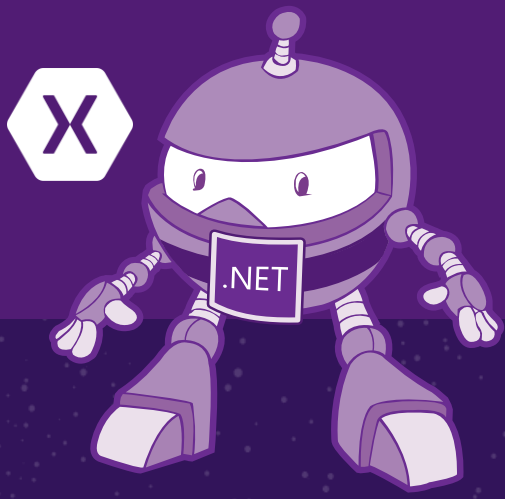
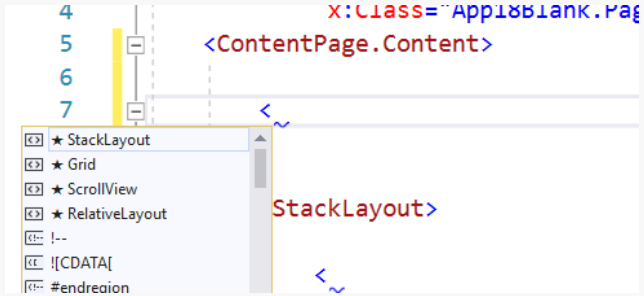
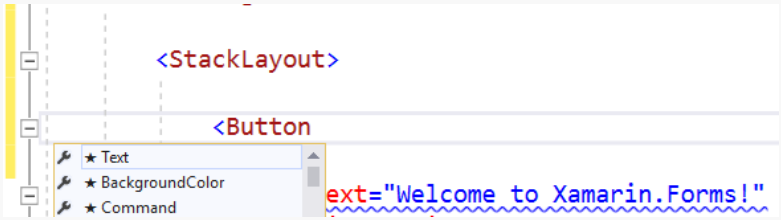


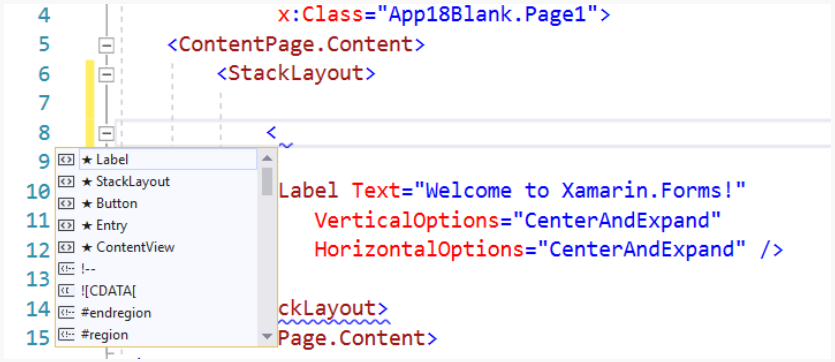
Ways to boost your productivity

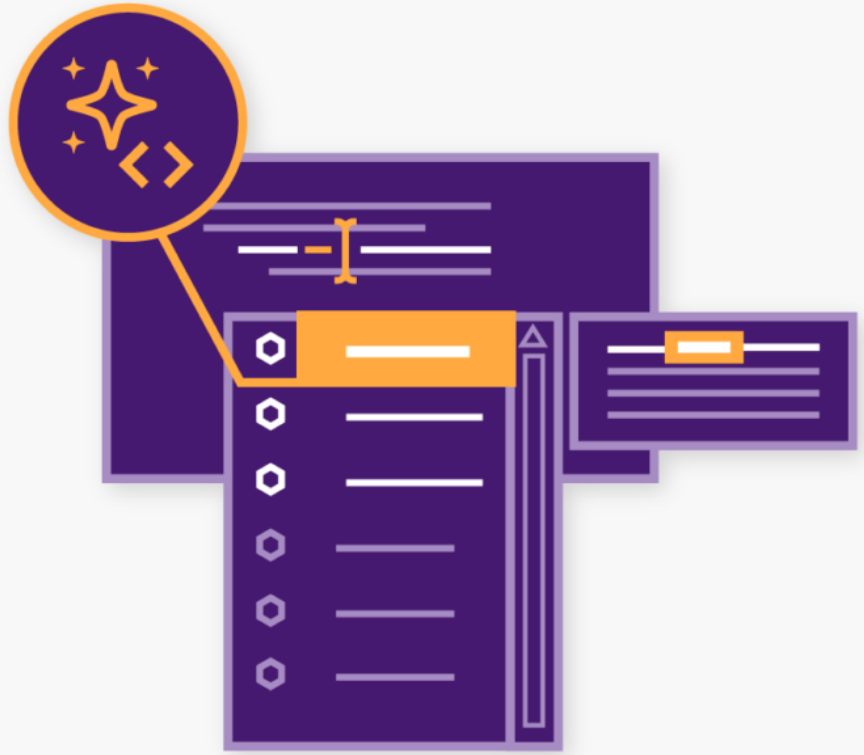
Code faster

IntelliCode



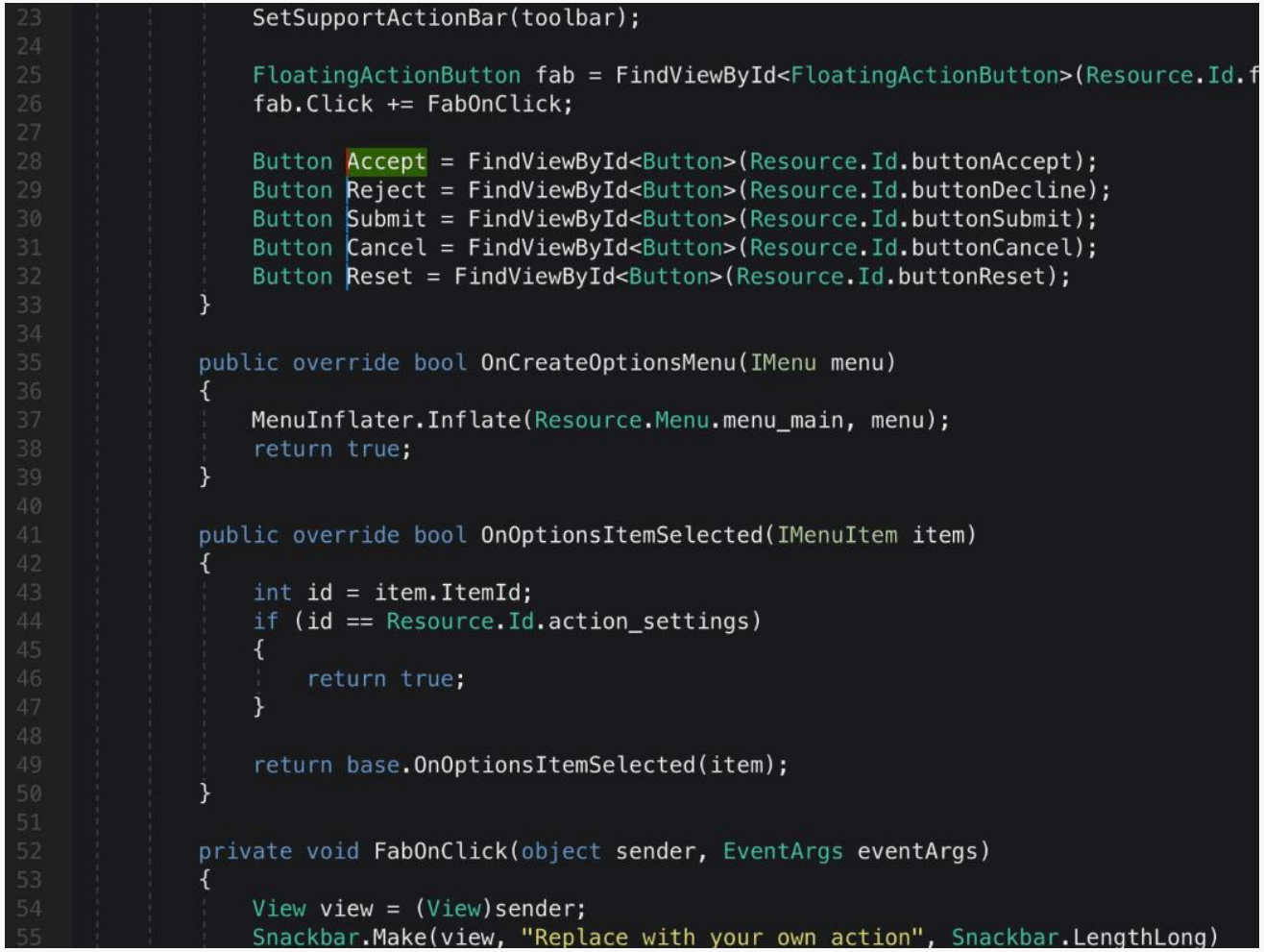






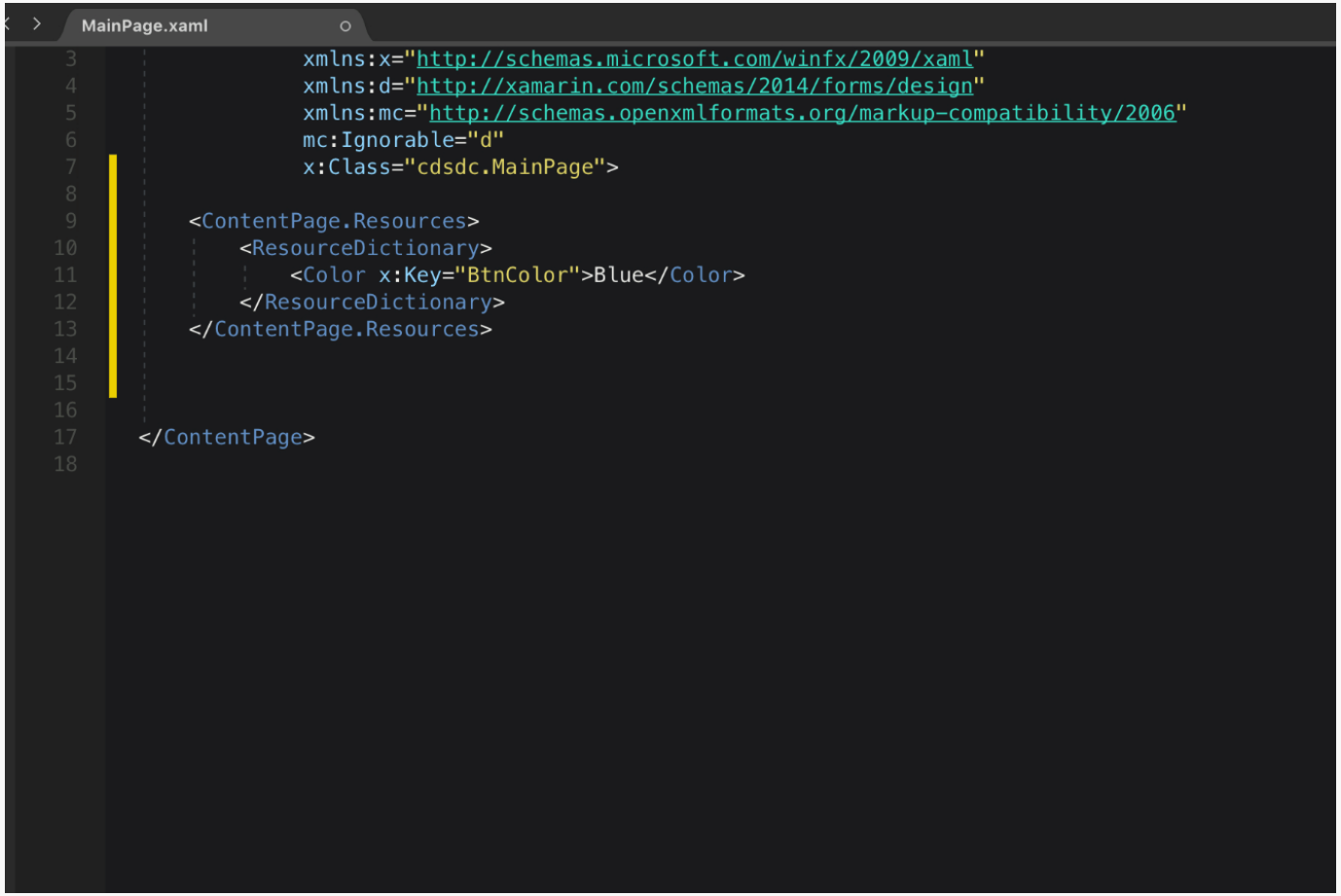
Available now in Visual Studio 2019 (Windows)

Optimized code editor - Mac

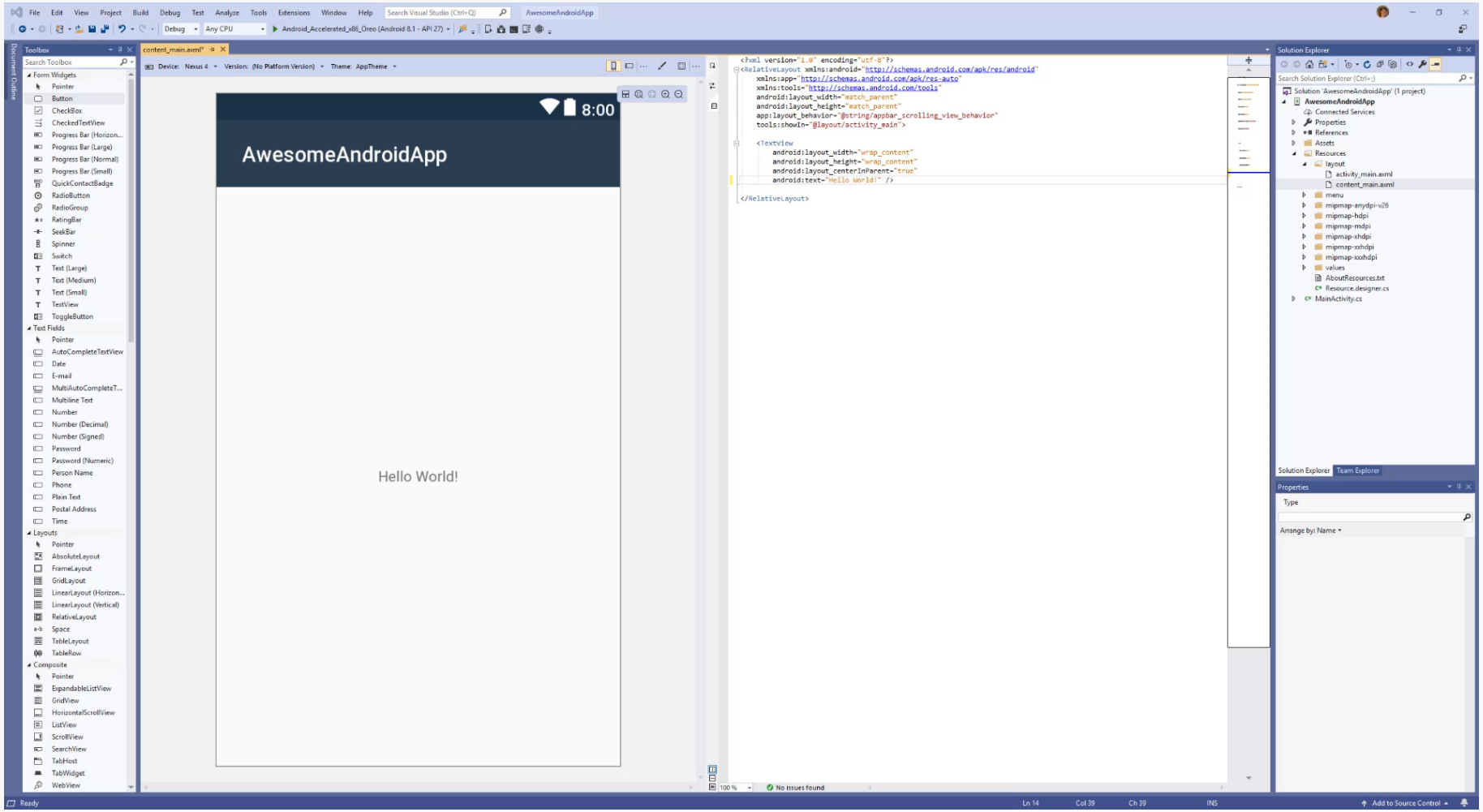


```
23              SetSupportActionBar(toolbar);
24
25              FloatingActionButton fab = FindViewById<FloatingActionButton>(Resource.Id.f
26              fab.Click += FabOnClick;
27
28              Button Accept = FindViewById<Button>(Resource.Id.buttonAccept);
29              Button Reject = FindViewById<Button>(Resource.Id.buttonDecline);
30              Button Submit = FindViewById<Button>(Resource.Id.buttonSubmit);
31              Button Cancel = FindViewById<Button>(Resource.Id.buttonCancel);
32              Button Reset = FindViewById<Button>(Resource.Id.buttonReset);
33          }
34
35          public override bool OnCreateOptionsMenu(IMenu menu)
36          {
37              MenuInflater.Inflate(Resource.Menu.menu_main, menu);
38              return true;
39          }
40
41          public override bool OnOptionsItemSelected(IMenuItem item)
42          {
43              int id = item.ItemId;
44              if (id == Resource.Id.action_settings)
45              {
46                  return true;
47              }
48
49              return base.OnOptionsItemSelected(item);
50          }
51
52          private void FabOnClick(object sender, EventArgs eventArgs)
53          {
54              View view = (View)sender;
55              Snackbar.Make(view, "Replace with your own action", Snackbar.LengthLong)
```

XAML IntelliSense - Mac



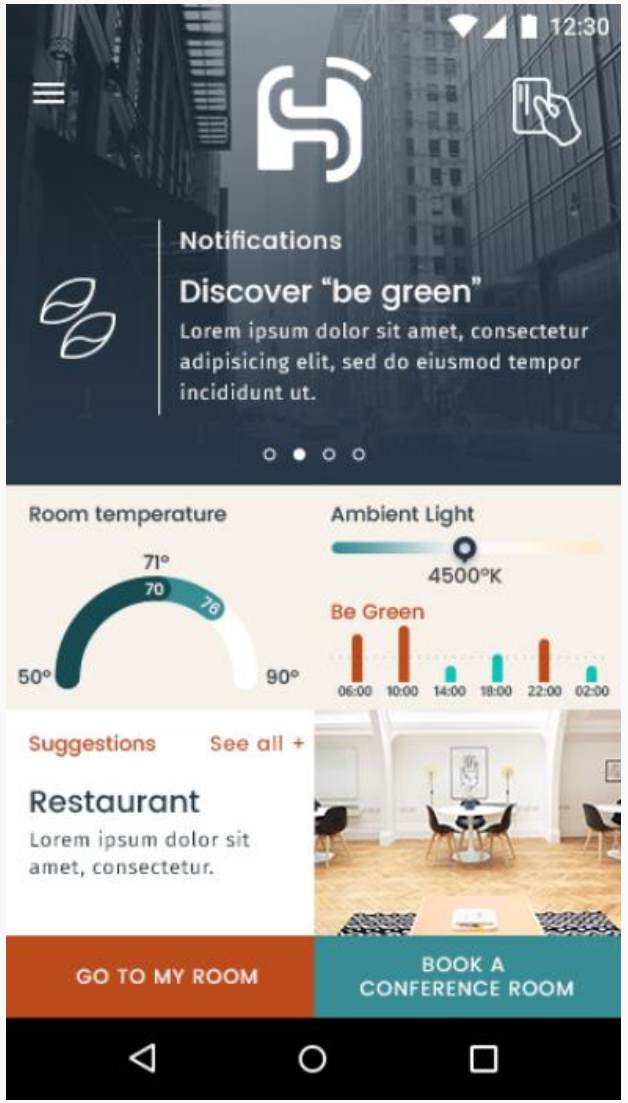
Android XML + Designer



Build faster

SmartHotel360 Reference App

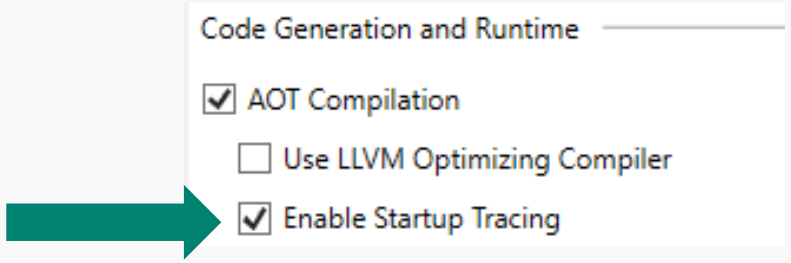
Step	VS 2017 (15.8)	VS 2019 (16.0)	Delta
First Build	01:04.20	00:50.13	-21.95%
Incremental Build (XAML Change)	00:10.62	00:07.47	-29.66%
Deploy (XAML Change)	00:09.03	00:04.44	-50.83%

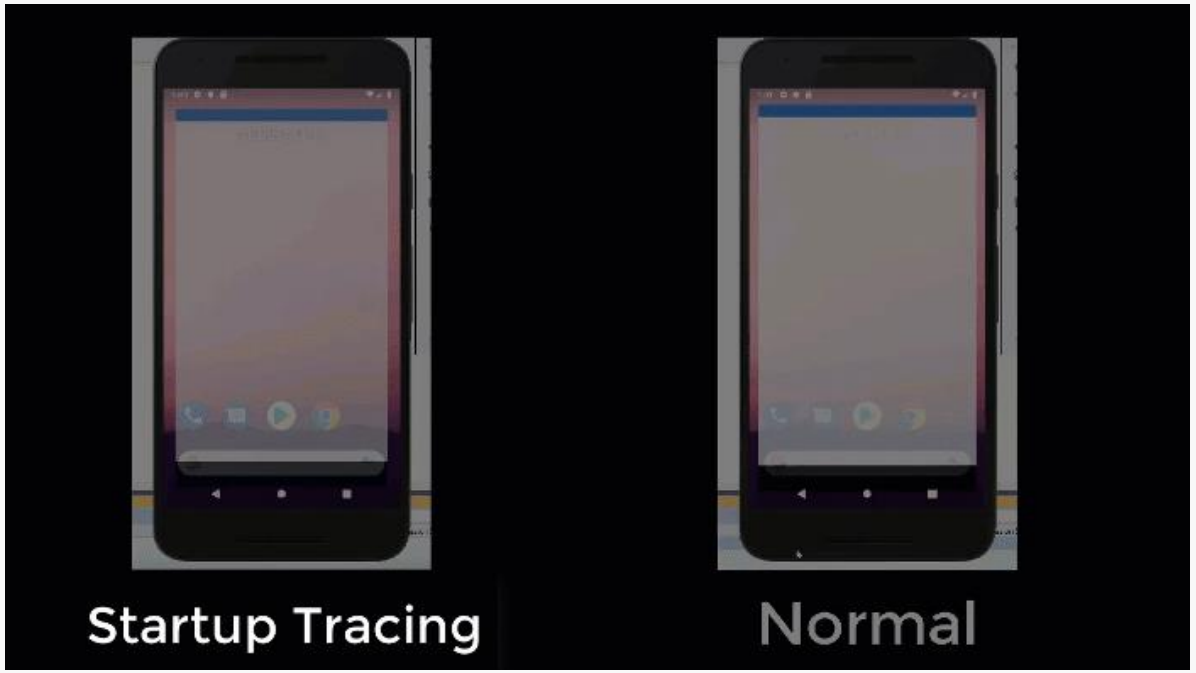


Deploy faster

Android Startup Tracing

Type	Startup Speed	APK Size





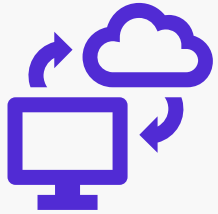
Android App Bundles

- Specific Languages
- Proper Resource Screen Densities
- Best Match ABIs

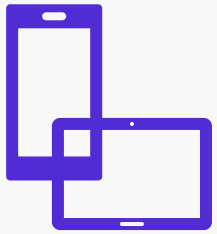
Iterate faster

XAML Hot Reload for Xamarin.Forms

No setup or code changes



Interact with your real data



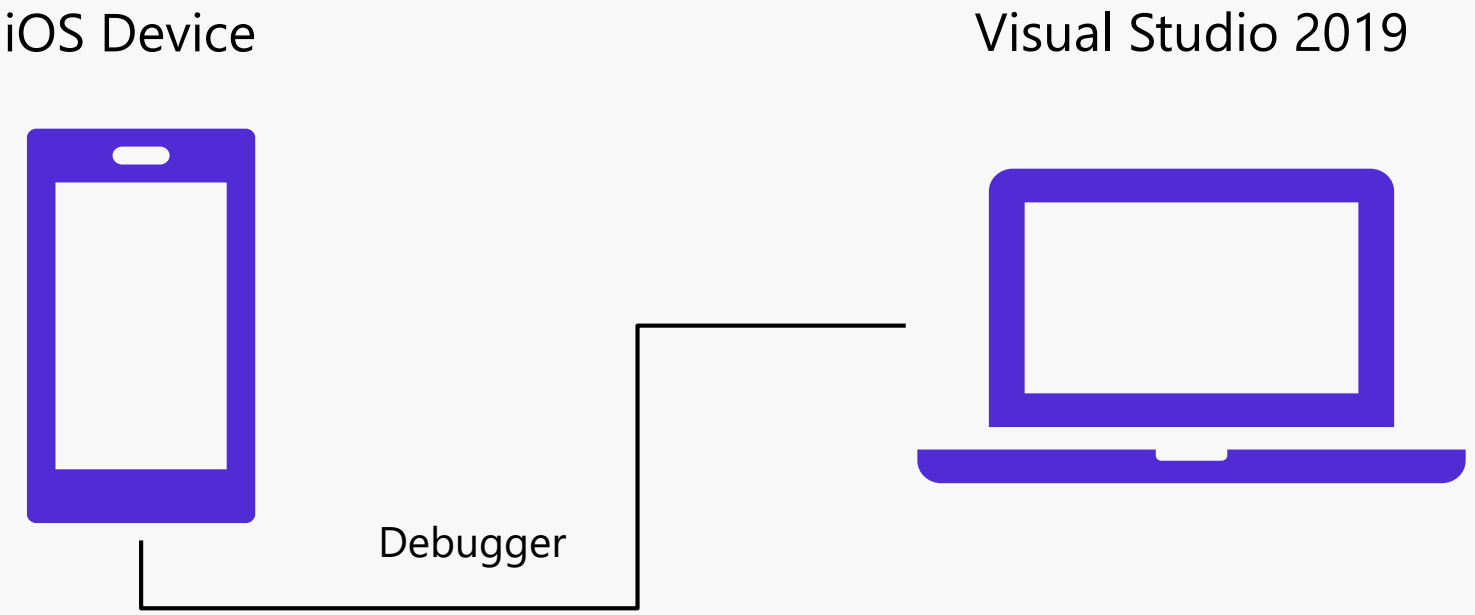
Android or iOS

Emulator, Simulator, or Device

Intelligent and resilient

Works with custom controls, third party libraries and frameworks, Shell, resources, and more!

Xamarin Hot Restart



Demo: Iterate Faster

.NET

Resources

- Hot Reload Docs: aka.ms/XAMLHotReloadDocs
- Hot Restart Docs: aka.ms/HotRestartDocs
- Monkey App: github.com/maddyleger1/MonkeysRefresh

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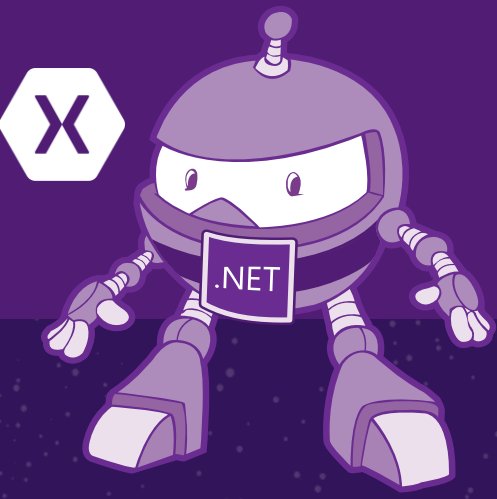
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