

November 9-11, 2021
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.NET Conf

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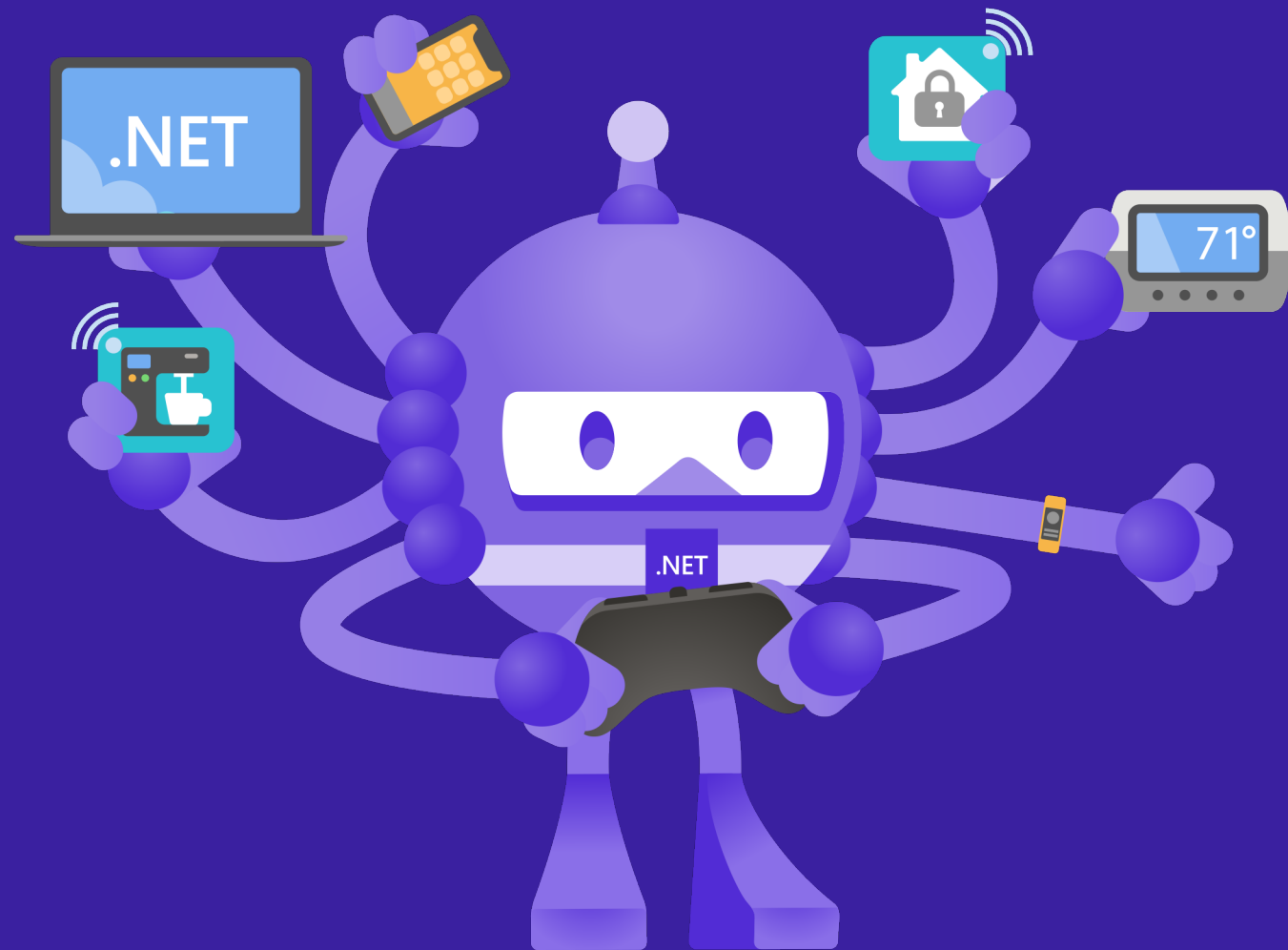


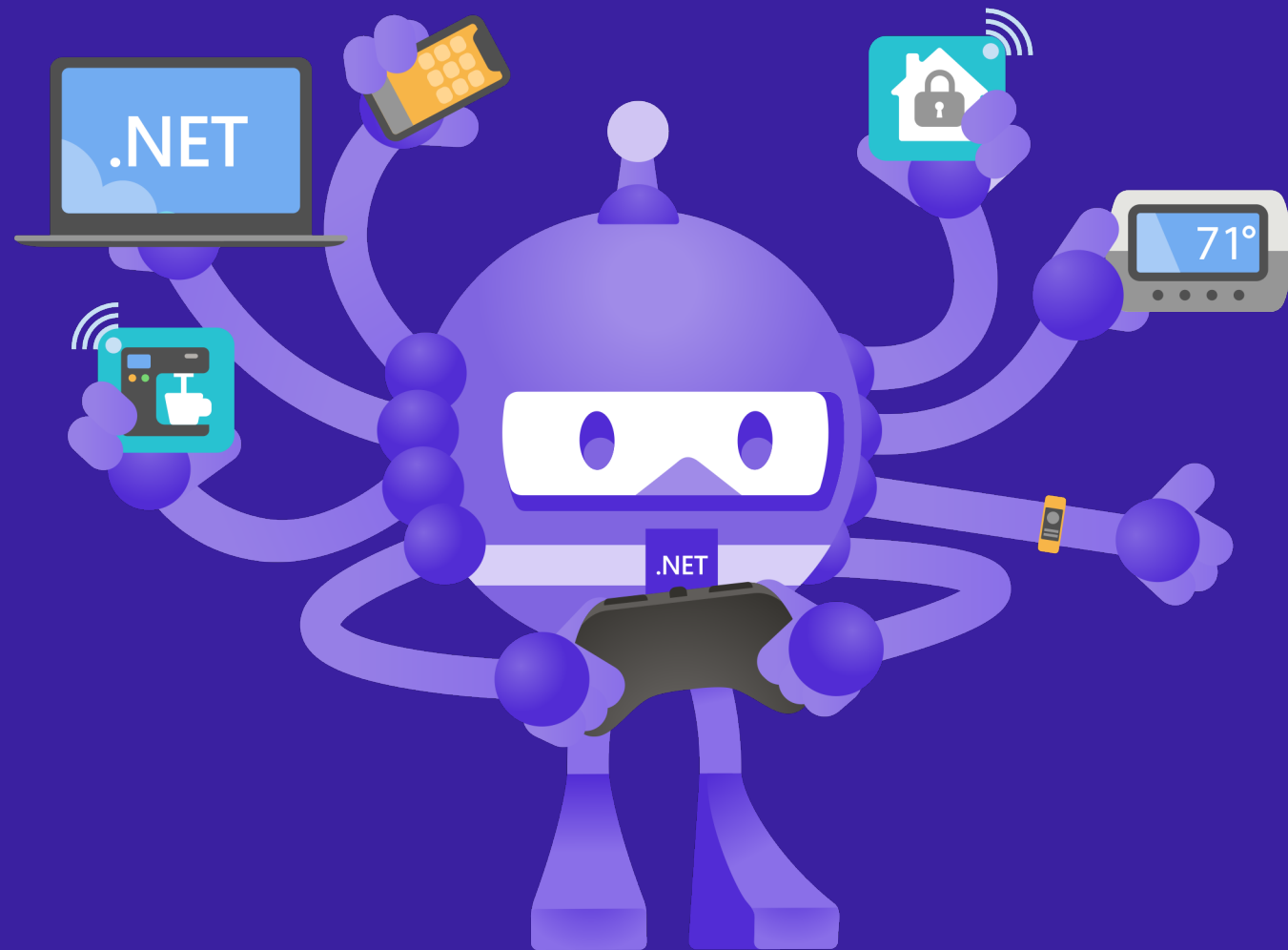
Connecting gadgets to Blazor

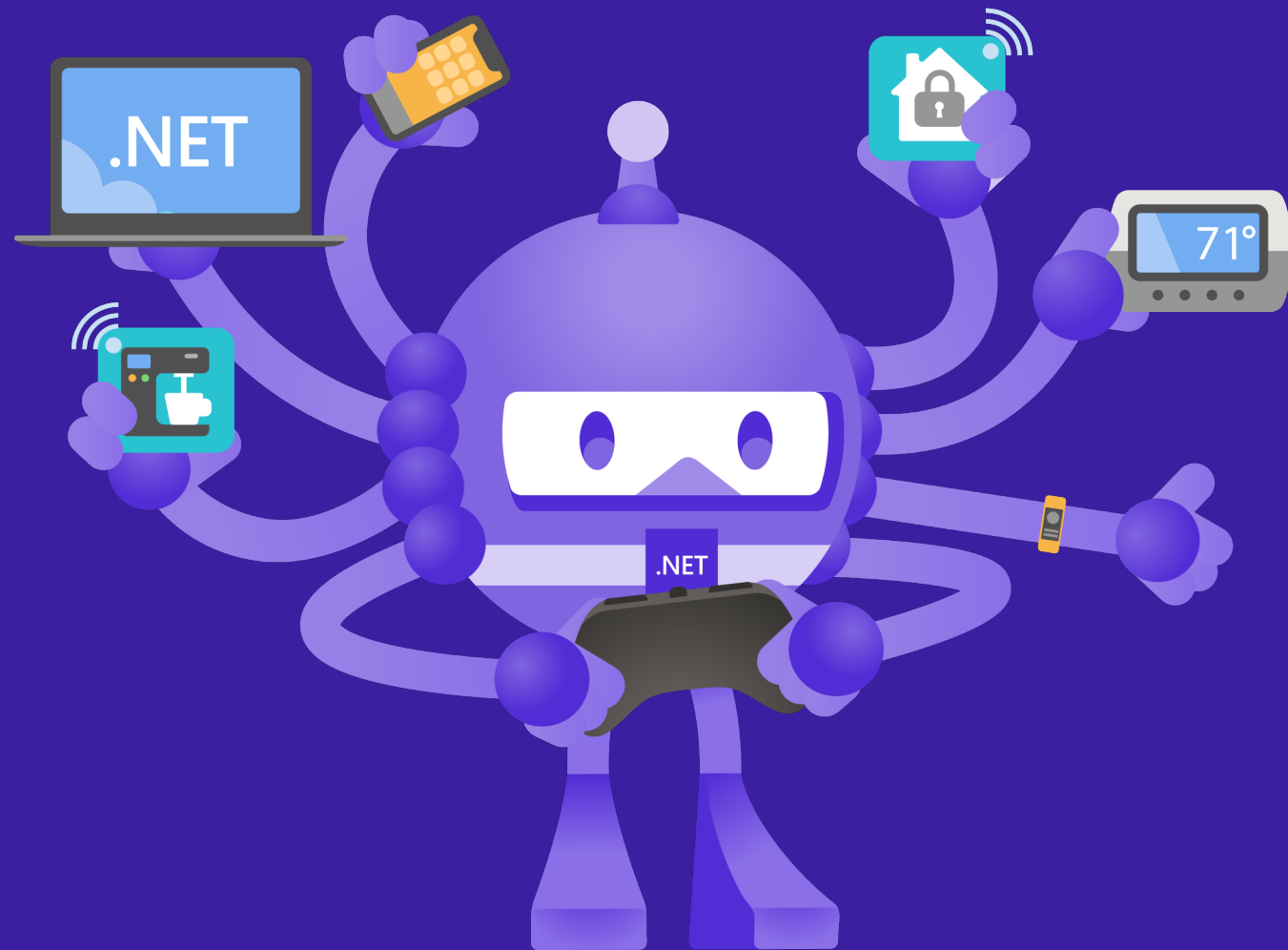
Jimmy Engström
@EngstromJimmy

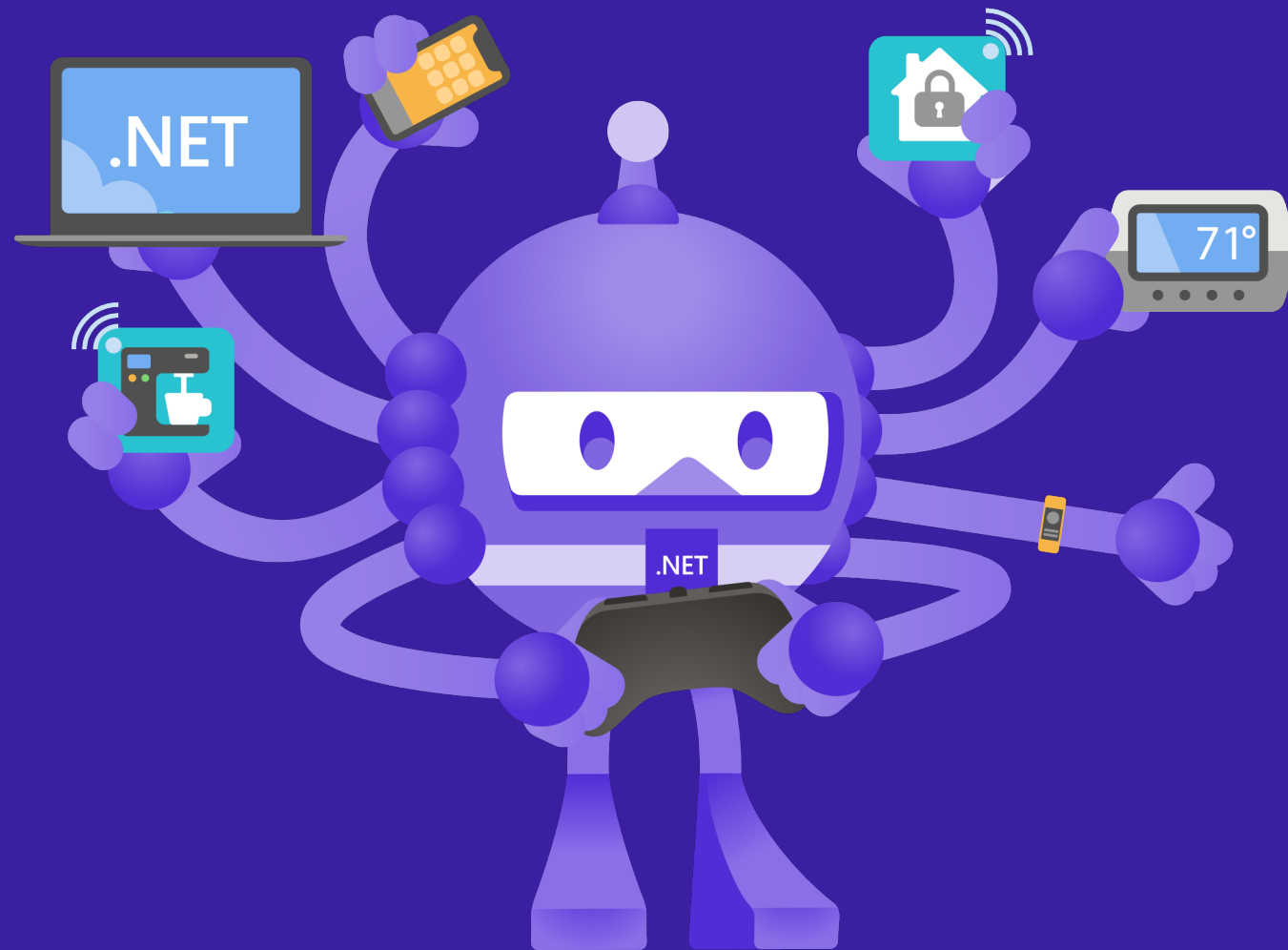


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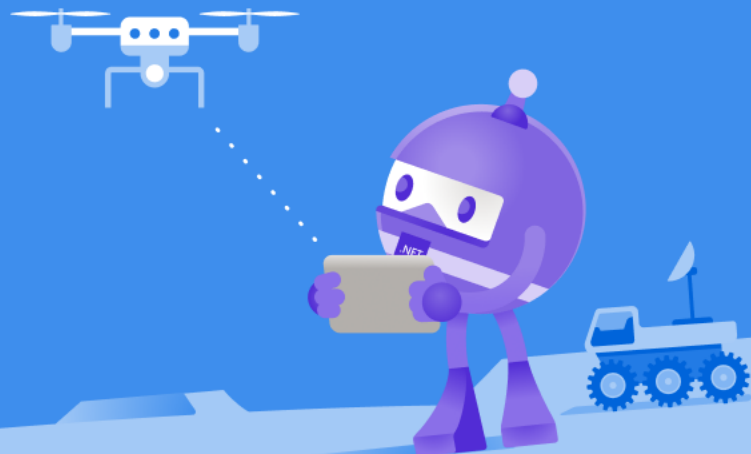






CODING AFTER WORK





Web Development with Blazor

A hands-on guide for .NET developers to build
interactive UIs with C#



Jimmy Engström

Foreword by Jeff Fritz
Principal Program Manager at Microsoft and Leader in Live Video Technical Community Engagement



Blazm.Bluetooth

BLE Device

BLE Device

Service1

Service2

Service3

BLE Device

Service1

Characteristic1

Characteristic2

Characteristic3

BLE Device

Service

Characteristic1

Read

Write

Indicate

...



andersson

Bluetooth

ZERO
MODE



Senssun scale

Senssun Scale

Generic
Attribute

Device
Information

Senssun scale

Senssun Scale

Generic
Attribute

Device
Information

Generic
Access

0000ffb0-
0000-1000-
8000-
00805f9b34fb

Senssun scale

Senssun Scale

0000ffb0-0000-1000-8000-00805f9b34fb

Senssun scale

Senssun Scale

0000ffb0-0000-1000-8000-00805f9b34fb

0000ffb1-0000-1000-8000-00805f9b34fb

0000ffb2-0000-1000-8000-00805f9b34fb

Senssun scale

Senssun Scale

0000ffb0-0000-1000-8000-00805f9b34fb

0000ffb1-0000-1000-8000-00805f9b34fb

0000ffb2-0000-1000-8000-00805f9b34fb

Write

Notify

Write

Notify

Senssun scale 0 gram

0	1	2	3	4	5	6	7	8	9
255	165	0	0	0	0	170	0	4	174

Senssun scale 0 gram

0	1	2	3	4	5	6	7	8	9
255	165	0	0	0	0	170	0	4	174

Senssun scale 235 gram

0	1	2	3	4	5	6	7	8	9
255	165	0	242	0	235	170	0	4	139

Senssun scale -235 gram

0	1	2	3	4	5	6	7	8	9
255	165	0	242	0	235	170	1	4	140

Senssun scale 1020 gram

0	1	2	3	4	5	6	7	8	9
255	165	0	242	3	252	170	0	4	140

Senssun scale

Byte 4 * 256

+

Byte 5

Byte 7 for sign

Demo

Demo



6 info: M
7 info: M
8
9
10
11
12
13
14
15
16
17
18
19
20

SampleClientSide

Would you like to set Microsoft Edge as your default browser?
Go to settings

SampleClientSide

About

+ Andersson Scale

+ Battery service

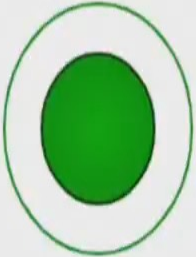
+ MIP

+ Robosapien

Request device

Red

112 UpRight;



Output

Show output from: Debug

8
8
8
8
8
8
8

Blazm.Bluetooth

C:\Program Files\d...

SampleClientSide - ...

1 Blazm.Bluetooth master

20:47
11/06/2020



Blazm.Hid

Demo

Demo

Toolbelt.Blazor.Gamepad

Demo

Links

<https://github.com/EngstromJimmy/Blazm.Bluetooth>

<https://github.com/EngstromJimmy/Blazm.Hid>

<https://github.com/jsakamoto/Toolbelt.Blazor.Gamepad>

<https://zxspectrum.azurewebsites.net/>

Thank you!

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Blog

Thanks for joining!

