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Tue, Aug 27, 2019 / 11:00 a.m.-12:00 p.m. CDT

Windows 10 and New Key UX Principles (for RAD Studio Developers)

Sarina DuPont, Director of Product Management, Embarcadero

Wed, Aug 28, 2019 / 11:00 a.m,-12:00 p.m. CDT

Enterprise Connectors Spotlight: MailChimp and Cassandra

Jim McKeeth, Embarcadero Chief Developer Advocate & Engineer

Thu, Aug 29, 2019 / 11:00 a.m.-12:00 p.m. CDT

Fast migration to Windows 10 High DPI with FastReports

Den Zubov, Lead Developer, Fast Reports

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Tue, Sep 3, 2019 / 11:00 a.m.-12:00 p.m. CDT

Building native apps for Windows: why it matters?

Serge Pilko, Embarcadero MVP

Wed, Sep 4, 2019 / 11:00 a.m.-12:00 p.m. CDT

A tale of 3 APIs: VCL integration with WinAPI, COM & ShellAPI, WinRT

Marco Cantu, Embarcadero Product Manager

Thu, Sep 5, 2019 / 11:00 a.m.-12:00 p.m. CDT

Top Windows 10 features you can add to your VCL applications

Ian Barker, Embarcadero MVP

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Tue, Sep 10, 2019 / 11:00 a.m.-12:00 p.m. CDT

Windows 10 - Modernization with RAD Studio and TMS Software

Holger Flick, TMS Software

Wednesday, Sep 18, 2019 / 11:00 a.m.-12:00 p.m. CDT

FireDAC for Windows 10 Database Access

Jens Fudge, Delphi Enthusiast, MVP, speaker, and trainer

Wed, Sep 25, 2019 / 11:00 a.m.-12:00 p.m. CDT

Enterprise Connectors Spotlight: Gmail and Bing Search

Olaf Monien, CEO Developer Experts, Embarcadero MVP

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Build Windows 10 Applications

Top Windows 10 features you can add to your VCL applications

Check out the full series for replays and more

https://embt.co/Windows10ModernizeWebinarSeries

Ian Barker, Embarcadero MVP ian.barker@gmail.com about.me/IanBarker

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CX DX RX

Webinar Agenda

We’re going to take a look at some RAD Studio and Delphi features you can take advantage of **today** to make your existing (and new) apps look, feel and behave like modern Windows 10 applications

Check out the full series for replays and more
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RAD Studio 10.3 Rio and the community edition

- Has **everything** the Professional SKU of Delphi has including mobile/cross platform development to iOS and Android
- Suitable for learners, experimenters and open source - totally free
- Trial versions available for full-time professional developers looking to move on from legacy versions of RAD Studio and Delphi

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- **GORGEOUS** new themes and templates both for VCL and Firemonkey - all of them **free** via GetIt plus many built-in too
- A deluge of new Windows 10 APIs
- Specific VCL components targeting Windows 10 features and capabilities
- APPx packaging and deployment - for local “ad-hoc”
- APPx with Windows Store support
- 64bit Windows support - especially important now for Windows Server 2019
- High-res DPI support and “per-monitor V2”

Top features include...

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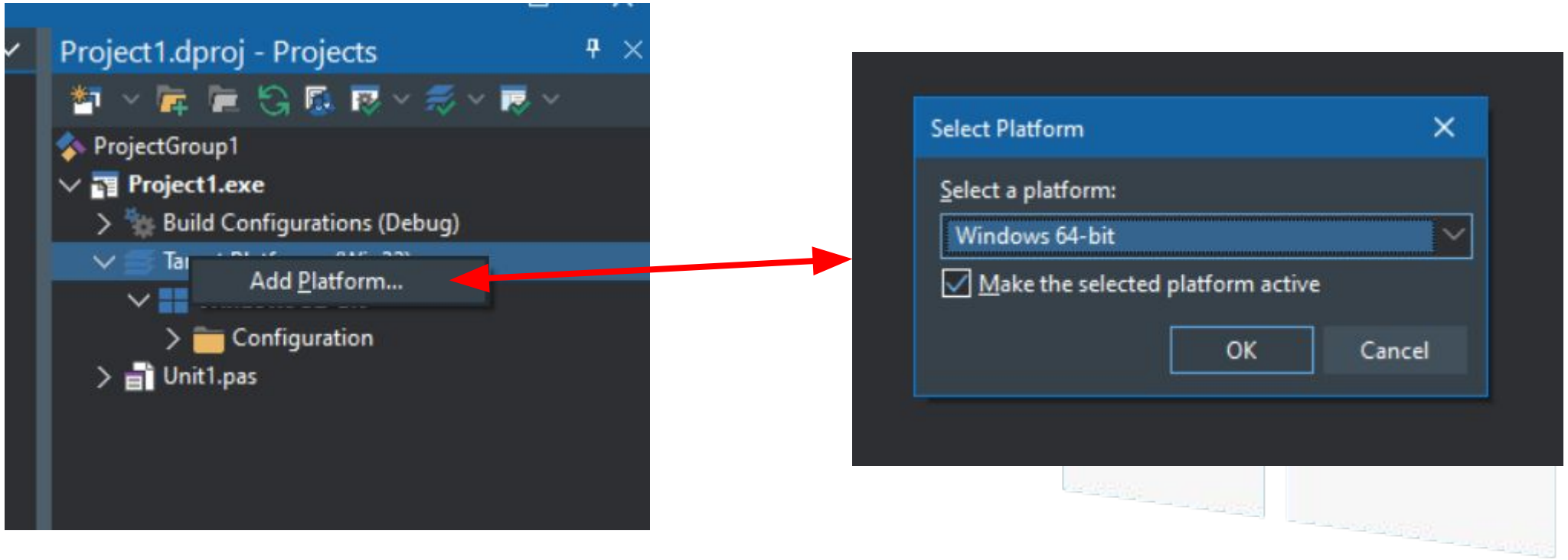
Windows 64bit



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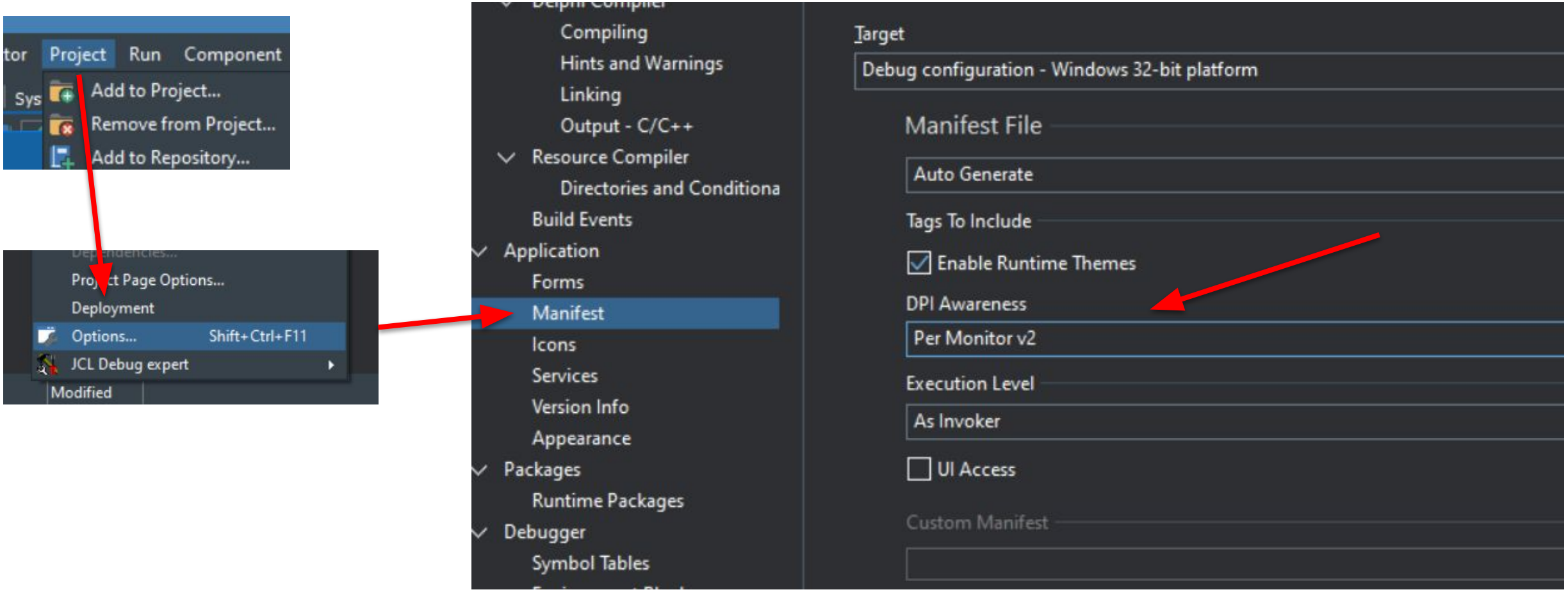
High-res DPI and Per Monitor v2



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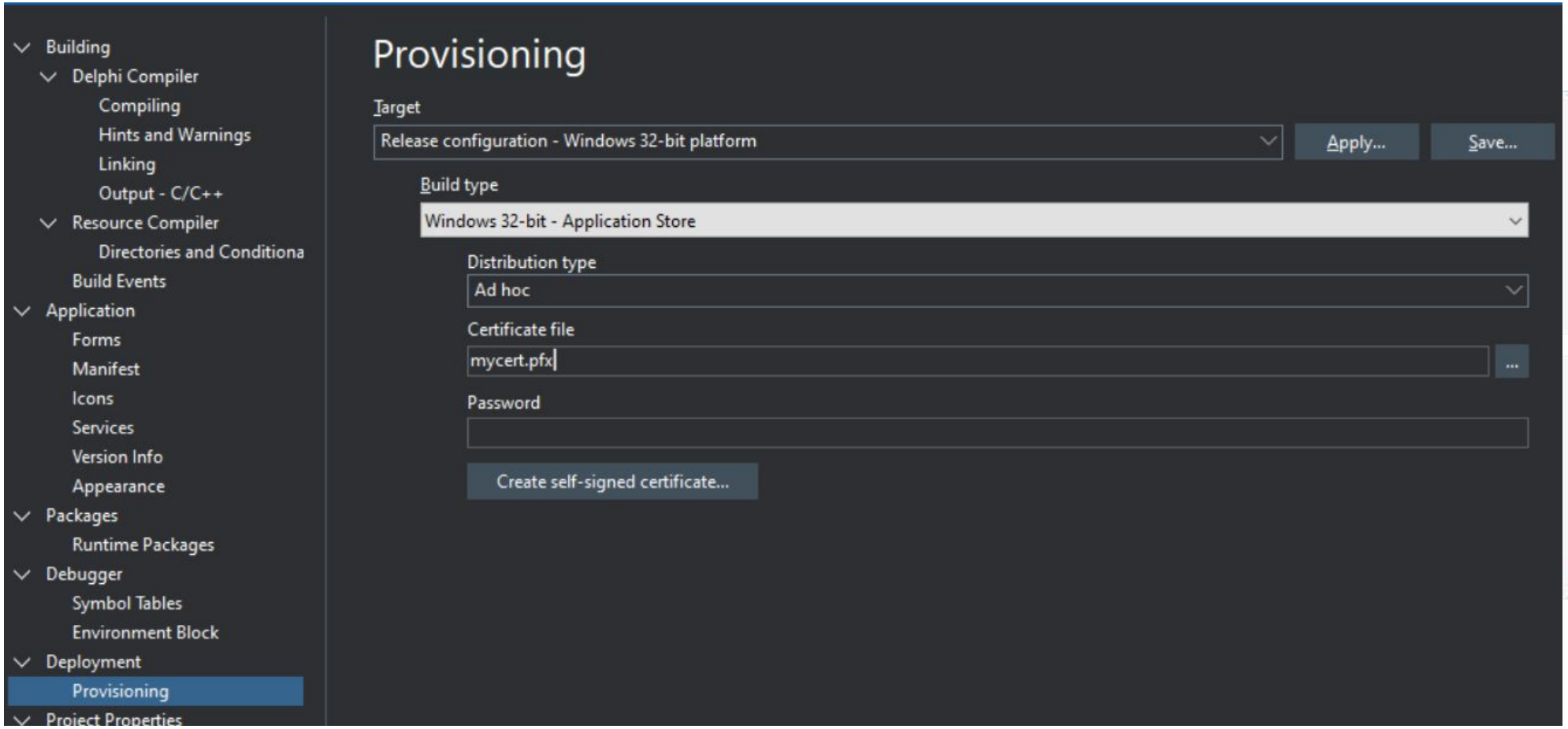
Package as an AppX



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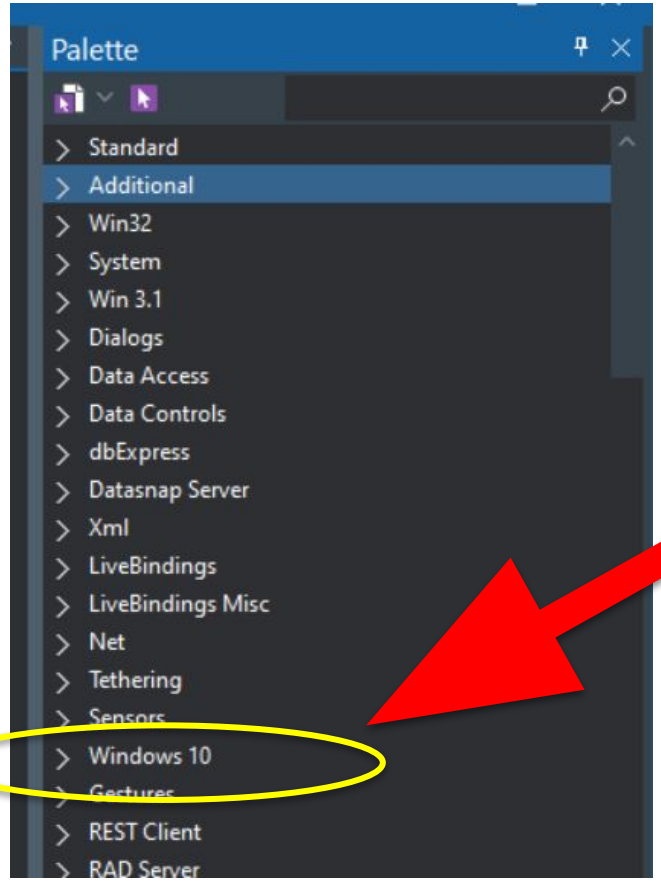
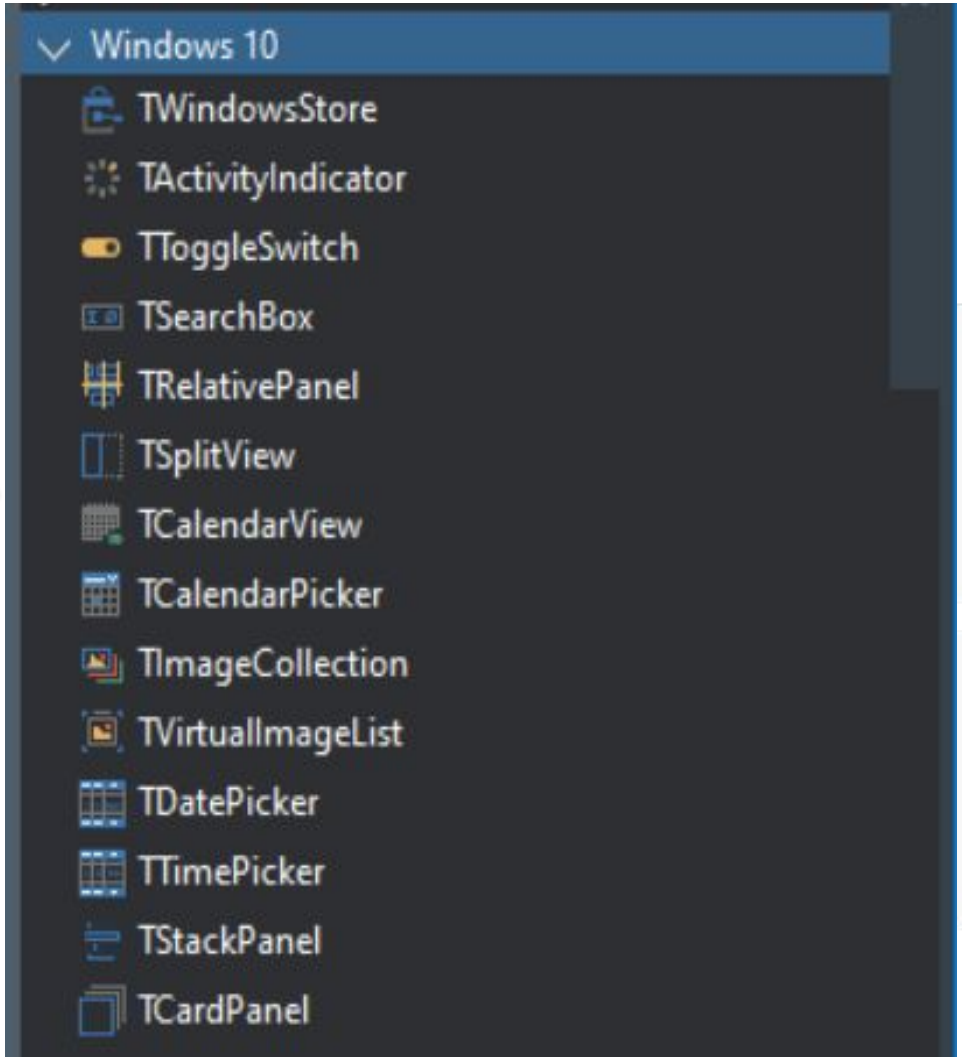
New VCL components





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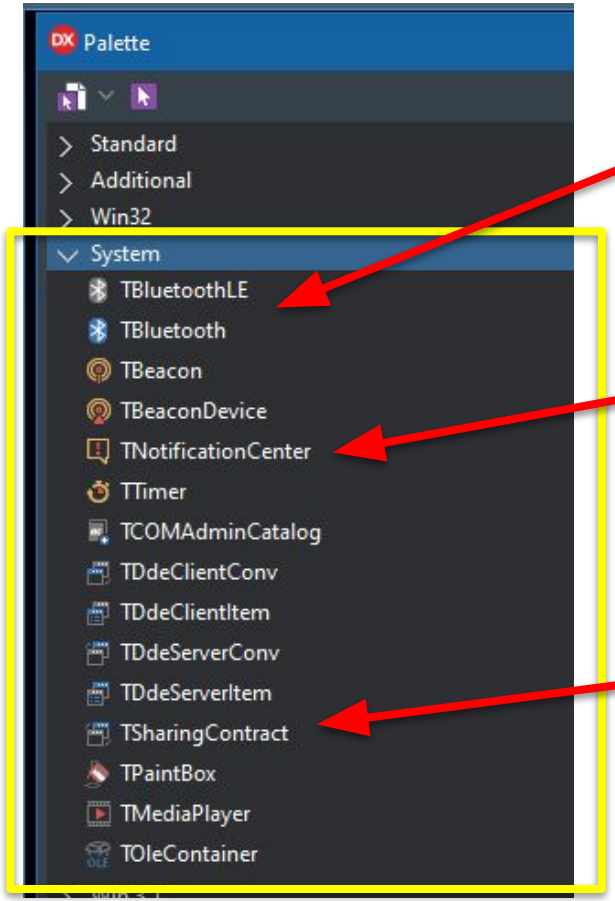
More VCL components



Bluetooth - both low energy and regular Bluetooth

Notification center - also called “toast” because it pops up 😀

It’s cross platform but works great for Windows 8 and Windows 10

Sharing Contract component allows you to *easily* share content among apps such as email, webbrowser etc.

See:
`https://docs.microsoft.com/en-us/previous-versions/windows/hh465251(v=win.10)`

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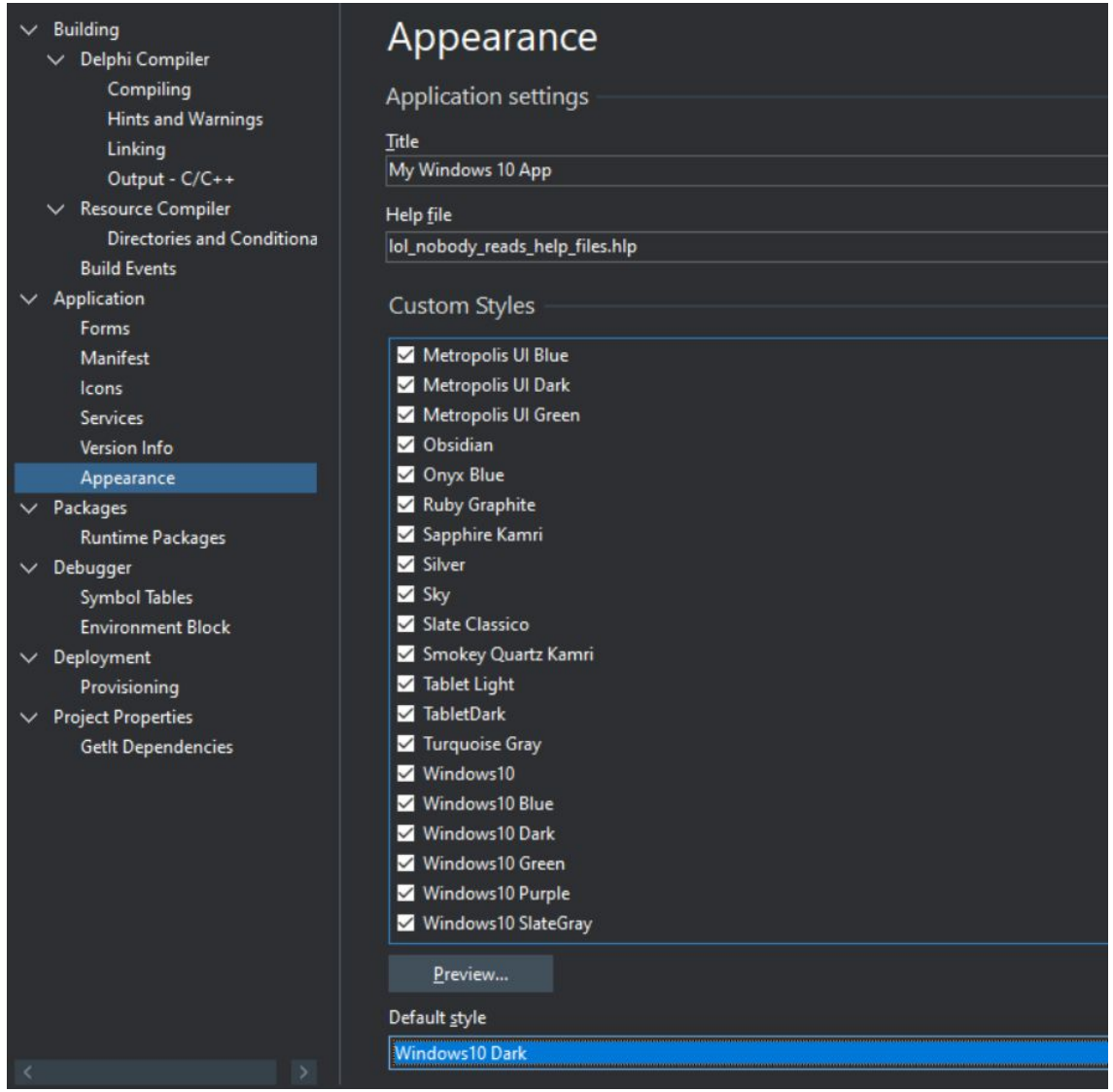

Themes

the smart way to look good!

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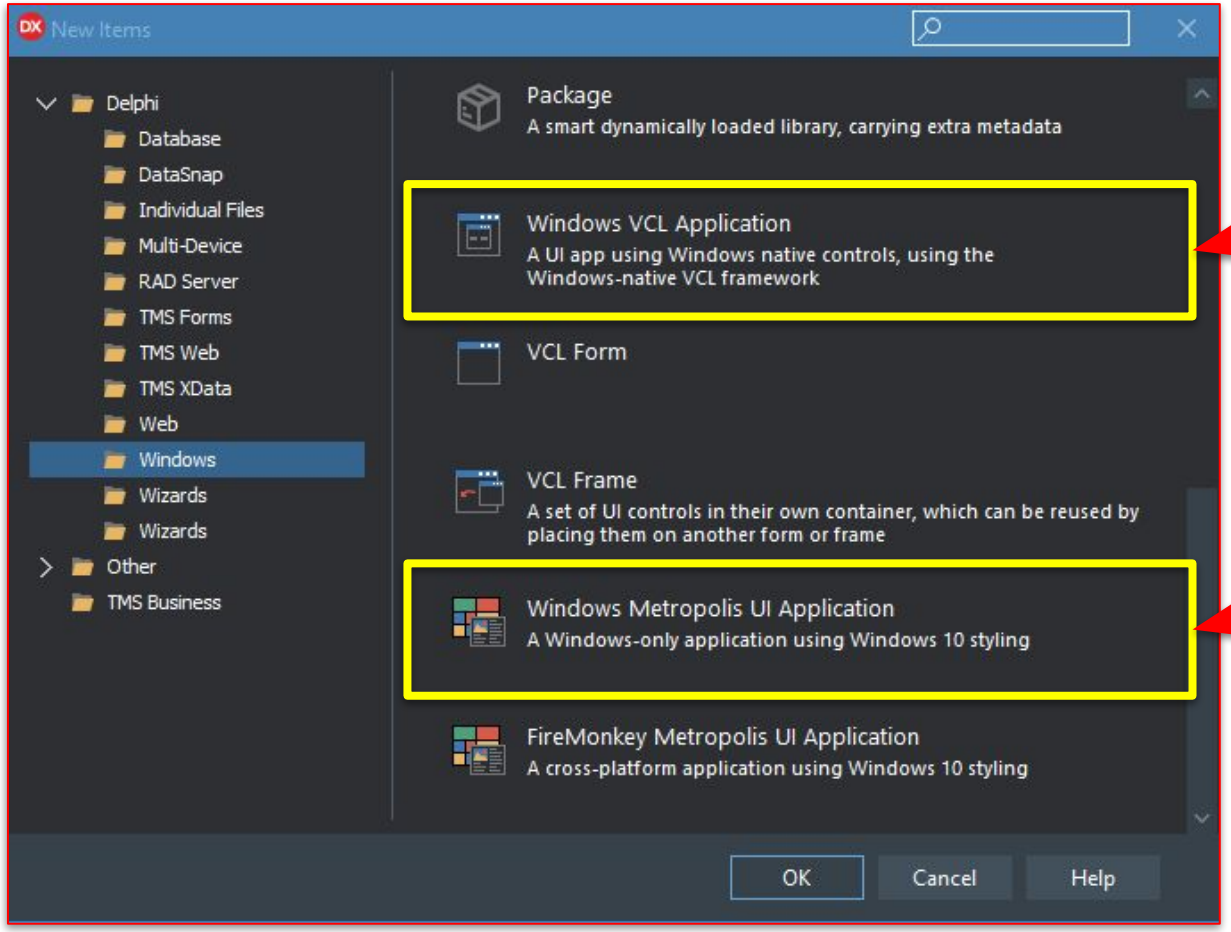
Selecting “New application” - options



Blank VCL application - you do all the hard work; but everything is still available to you

Ready-made Windows 10 style application framework

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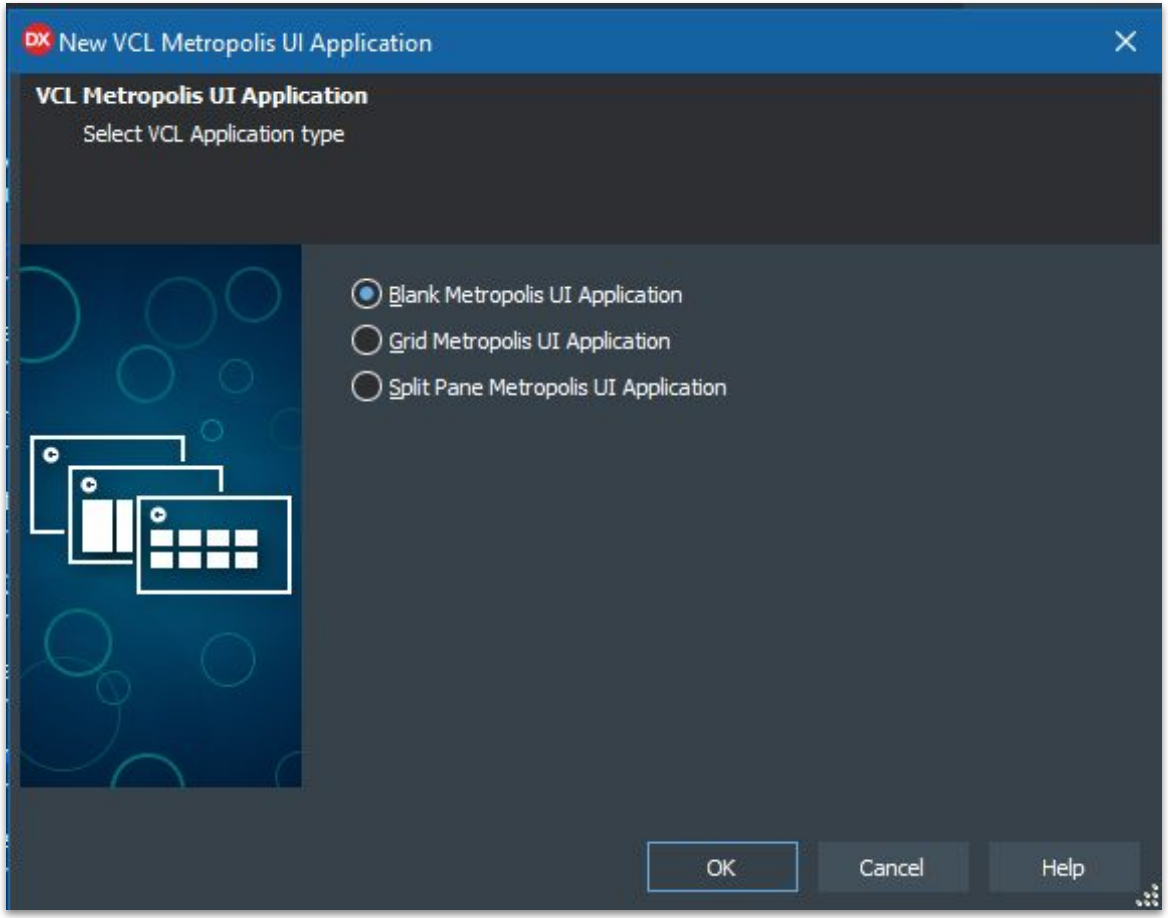
New Windows Metropolis UI Application



- **Blank application**
  - has a gesture manager
  - has an appbar - with only a close button
  - has an actionlist
  - very basic
- **Grid application**
  - also has gesture manager, app bar and action list
  - has panels, flow panels
  - uses master/detail UI idiom
  - more complete
- **Split pane**
  - Similar to grid application
  - Master/detail with extra navigation

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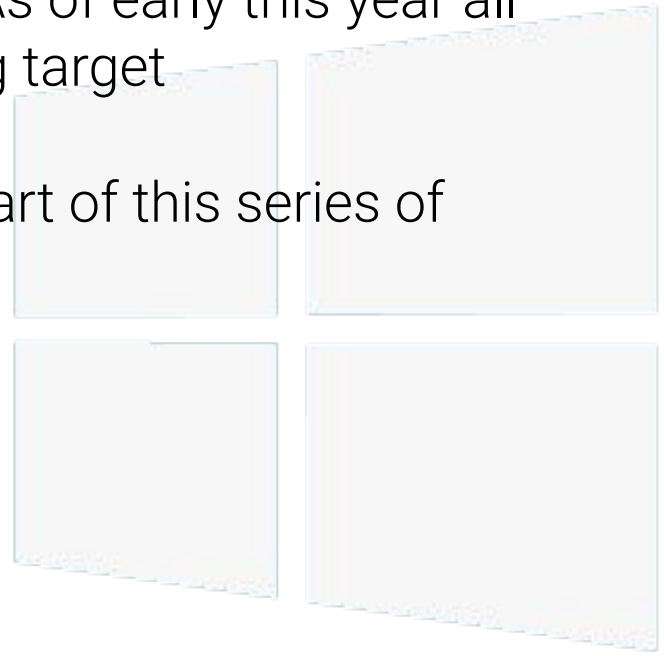
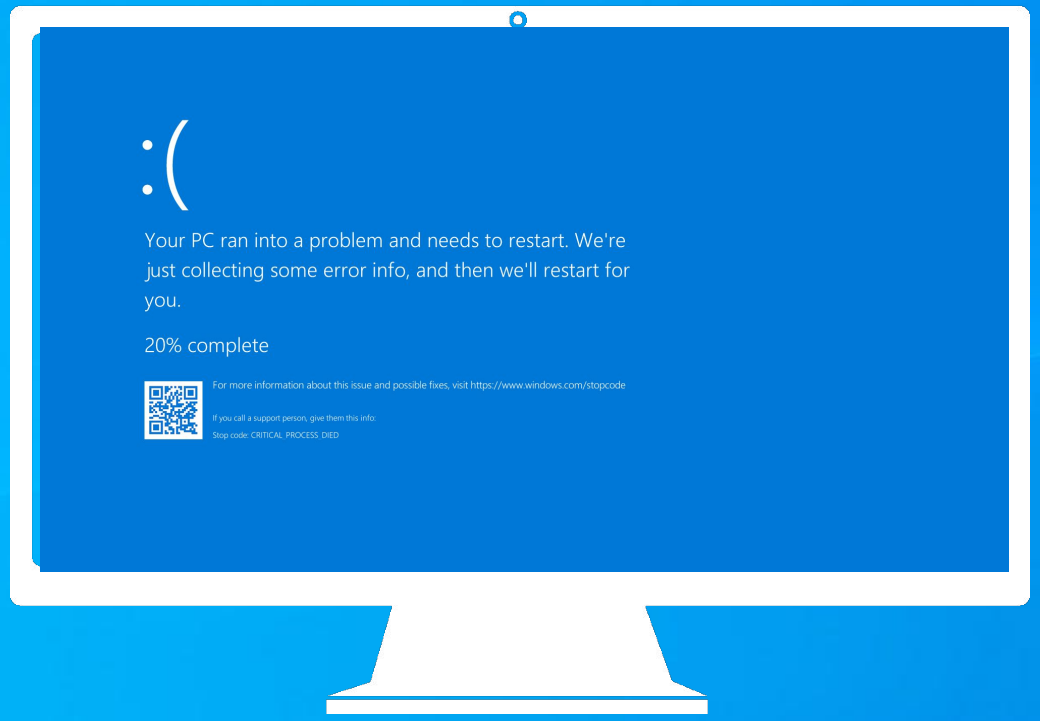
Windows 10 Api integration

It’s more subtle and more **powerful** than you might think. As of early this year all Windows APIs were mapped into the RTL - but it’s a moving target

See Marco’s presentation “A tale of three APIs” which is a part of this series of webinars



Hands on with the IDE



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The slides & other resources are available here

`https://github.com/checkdigits/w10Sep5th2019IanBCode`

Easiest to follow me on GitHub

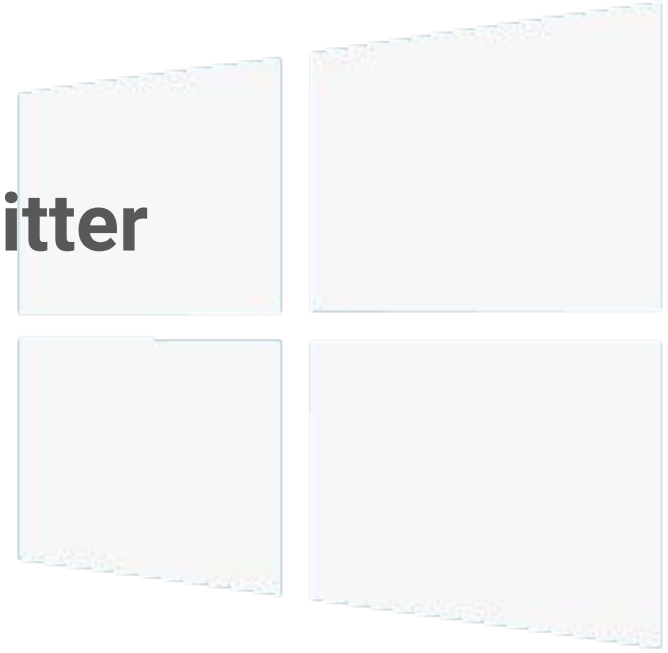
`https://github.com/checkdigits`

Updates and Delphi/developer chat on Twitter

`https://twitter.com/punctuation`

Email me

`ian.barker@gmail.com`



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