



# twinBASIC + Access: Future Plans

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# Outline

- Brief overview of twinBASIC
- Progress update
- Roadmap
- Demonstrations
- Access Integration Plans

# What is twinBASIC?

- Fully Compiled Language
- 100% Backwards Compatible (VBA/VB6)
- New Language Features
  - Generics, class constructors, Return syntax, better Unicode support (IDE, DLL calls), overloading, AndAlso/OrElse short-circuiting

# Progress Update

- Pure code is ~99.9% complete
- Forms are ~95% complete
- TODO: [App Members](#), [Control Members](#)
- TODO: Optimized Builds via LLVM
- V1 Tentative Release Date: 3 July 2023

# Roadmap Highlights

- **Q2:** Optimized builds, v1.0 Release
- **Q3:** vbWatchdog, Inheritance, Multithreading, Linux/Mac
- **Q4:** Edit & Continue, Android, 32-bit ActiveX controls in 64-bit VBA

# Sample Projects

- [ShellControls](#), [ucExplorer](#), et al. by [fafalone](#)
- [TwinBasicSevenZip](#) by [Ben Clothier](#)
- Module Explorer
- Code Tabs
- NLS Mentor

# Access Integration Plans

- Challenges
  - Ongoing Access development vs. “dead” VB6
  - Vast Access object model
  - Jet/ACE Expression Service
- Replace the VBIDE?
  - Legal considerations
  - Rubberduck v3

# Access Integration Plans

- Advanced Linked Tables
  - Custom data provider support
  - JSON Web Data, RESTful APIs, etc.
  - E.g., a QuickBooks Online connector
- Migration of Forms and Reports
  - Data binding support (i.e., bound forms)
  - Equivalent cross-platform Access controls



# Community Role

## **twinBASIC Provides:**

- Linked Tables
- Data Binding
- Equivalent Controls
- Expression Service
- Form/Rpt Migration

## **Community Provides:**

- Access Object Model Reimplementation
- Custom Data Providers
- Custom Controls via twinPACK Package Manager

# Licensing – Subscription-Based

Community	Professional	Ultimate
FREE	EUR €29   GBP £26   USD \$35 /mo*	EUR €45   GBP £39   USD \$52 /mo*
Create 32/64-bit EXE/DLLs	All Standard features plus:	All Professional features plus:
Splash screen for 64-bit	No splash screen on 64-bit EXE/DLL	Private product support via email
Windows only (unoptimized compilation)	Optimized compilation (still Windows-only)	Cross-platform support (Linux/Mac/Android)

\* Pricing shown reflects a 35% pre-order discount (discounted forever)

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# Questions?

Links and Resources:

[nolongerset.com/devcon-2023-tb/](https://nolongerset.com/devcon-2023-tb/)