

The background of the slide features a close-up of several small green seedlings with two leaves each, growing out of a mound of dark brown soil. The scene is illuminated by a warm, golden light from the upper left, creating a soft glow and highlighting the texture of the soil and the vibrant green of the plants. The background is a blurred mix of green and gold tones.

Alpha Anywhere Q&A

APRIL 6, 2022

Webinar Schedule

April 13 - Mobile Image Capture

April 20 - Using IndexedDB with Lists
and Client-side Data Cache

April 27 - Storage Connections:
Dropbox, Google Drive

May 4 - Security Framework: Managing
Users and Groups

Register for this Webinar!

www.alphasoftware.com/weekly-alpha-anywhere-overview-webinar

A spiral-bound calendar is shown at an angle, with a red pen resting vertically on the right side. The calendar pages are visible, showing dates and days of the week. The text 'Alpha DevCon 2022' is overlaid in large white font.

Alpha DevCon 2022

OCTOBER 18 - 22

REGISTER AT www.alphasoftware.com/devcon2022

The background of the slide features a hand placing a teal star onto a row of five stars. The stars are yellow, dark blue, orange, purple, and teal from left to right. The hand is positioned on the right side of the frame, reaching towards the teal star. The entire scene is set against a dark grey background.

Alpha Anywhere 4.6.4.1

New Feature Review

Development Environment



Live Preview & Live Test

Live Preview and Live Test use Machine Name to generate URL for the Development Server

Alpha Cloud Live Test automatically expire after 2 hours

Added support for https for Live Test on IIS

Backup, Restore

Added Backup/Restore feature to Web Projects. Can be used to back up or restore a project to or from storage

Added option to Restore a component backup as a new file



Tabbed UI

Tabbed UI

NEW Smart Search control for the Tabbed UI that let's you filter the buttons in the menu

Added two new client-side events to the Tabbed UI: onTabPaneOpen & onTabPaneClose



List Control

List Control Search changed to retrieve all records when user submits a query with no search criteria; affects Lists configured with Delay render till active search

In-place Editing: Added option to automatically add a new row when someone clicks the no records in list message

In-place Editing: Added ability to define an order for the edit-combo control

PDF Viewer

Can be configured to fill screen

New option to set the initial page resolution

ControlBars

Items can now be shown/hidden using Security Groups

ViewBox

Added drag events to the ViewBox

Dropdown Box Filtering

Added new dynamic filtering for dropdown box controls in a UX

Events, Action Javascript, & JavaScript

Added ability to add custom Watch Events in the UX Component -- previously had to do this with JavaScript

New JS Methods to display Progress Bars programmatically

setDefaultValue() - sets the default value for a control

Added support to call an Xbasic function when uploading an image to AmazonS3 using the indirect upload option



Mobile Development

Building Apps

Updated Cordova Genie to support Cordova CLI 11.x.x

Updated Cordova File Transfer Plugin to work with latest Cordova CLI & Ionic Appflow build stacks

Auto installation of AndroidXAdapter plugin where required - AndroidXAdapter maps older Android libraries to the new AndroidX versions

Android

PDF 417 barcode support added to the Bar Code Scanner plugin for Android applications

iOS

Default iOS Storyboard Images (if undefined)

Ability to specify build deployment target

Added new option to generate a script to automate building an iOS App on a Mac



Security Framework

UX Integrated Login

Added ability to Log in with Google in a UX with Integrated Login

Added additional options to control what happens when someone creates a new account - require administrator approval, send email notifications to administrators, and logging

Added support on Alpha Cloud for <default> for the Redirect page specification in the UX Login options

Managing Users & Groups

Added New UX templates for adding User and Group management to your applications

Seed Users

Added ability to edit the local Extended User Information table for your Seed Users

Security Quick Setup Genie

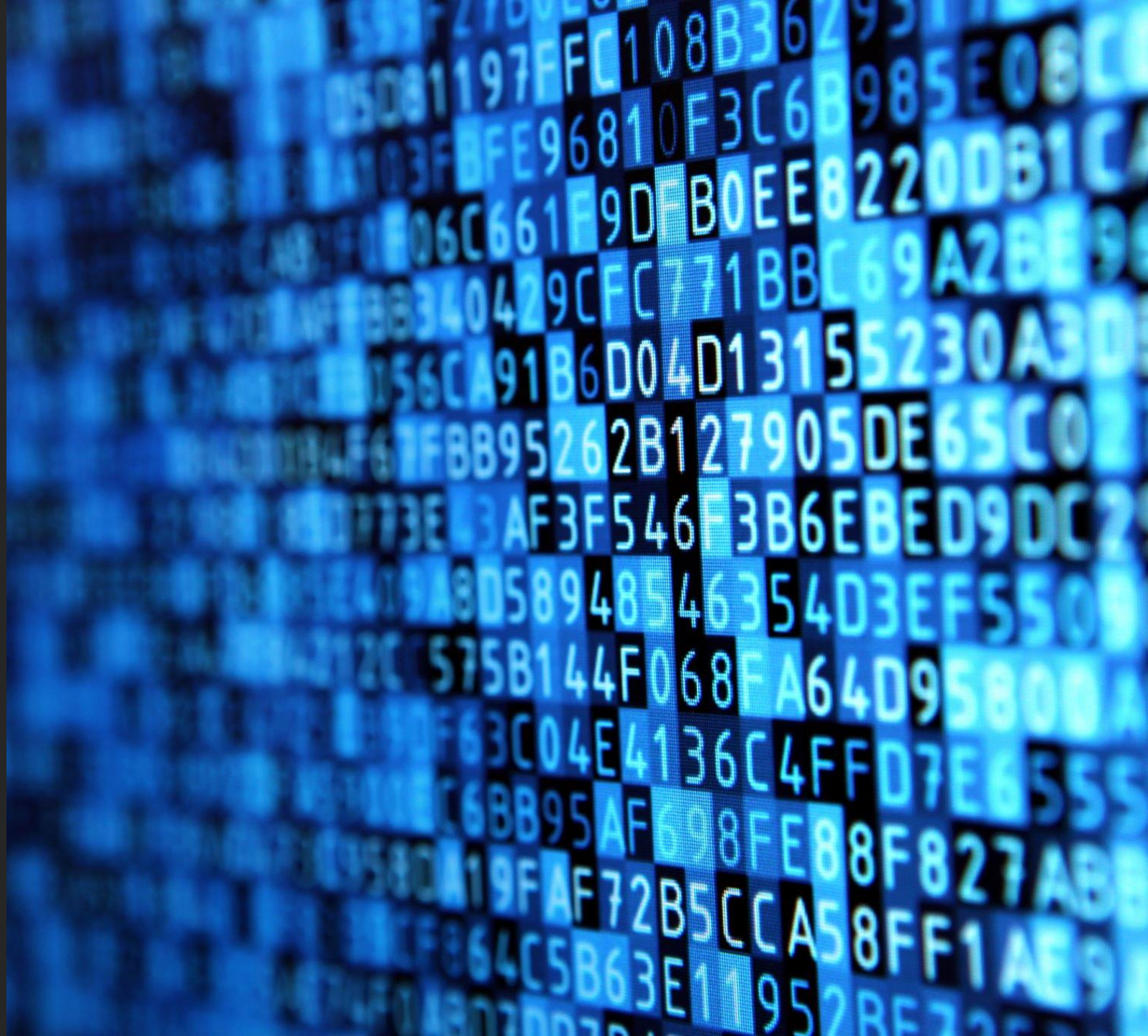
Added option to choose the user id type to use (email address or "value" aka User Name) in the security Quick Setup Genie

Added administrator only section to the Tabbed UI security framework template generated by the Quick Setup Genie

Configuring Sessions - IIS/Alpha Cloud

New option to extend authentication cookie timeout on every request; by default, sessions are only extended when a request is made after half the session lifetime has passed. Enabling this will increase the amount of data sent from the application server on every request

Xbasic



Xbasic Functions

`save_to_file()` - added support to save data directly to storage

`get_from_file()` - added support to read data directly from storage

`pdf_addBitmap()` - new function that can be used to add a signature image to a PDF

`a5_curl_fastDownloadMultipleFiles()` - new function for downloading multiple files. This method is faster than other methods because downloads happen in parallel.

`dotVarSet()` - sets the value of a dot (pointer) variable

`dotVarGet()` - gets the value of a dot (pointer) variable

`sys_shell_wait_result()` - runs a script or program and waits until the program closes before returning.

`email_send_noprofile()` - added support for HTML encoded characters in the email subject

Xbasic Debugger

Conditional Breakpoints!



Reporting

Clipping

Added ability to disable clipping for controls in Reports

Developing REST APIs



Documenting your APIs

Added new documentation options for REST APIs to define a service name & description, argument descriptions, and response code descriptions

Storage



Storage

New Storage Connection options added: DropBox and Google Drive



Offline

IndexedDB

Lists and Client-side Data Cache now support storing data offline in IndexedDB



Questions?

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