

COLE LONG AND MARVIN CROSSNOE

How Bots Answer the Ultimate Question of Life, the Universe, and Everything



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Disclaimer

A FEW THINGS FIRST

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Evaluate risks before acting based on ideas from this presentation.

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**Marvin
Crossnoe**

CEO



**Cole
Long**

PROJECT DEVELOPMENT LEAD

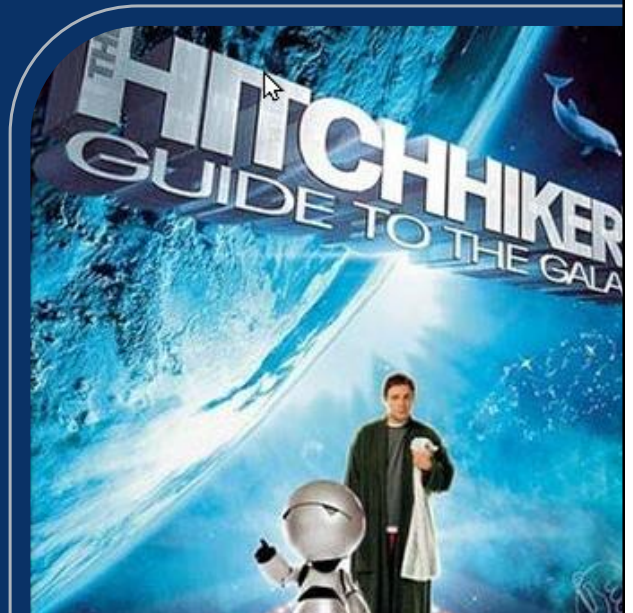


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HOW BOTS ANSWER THE

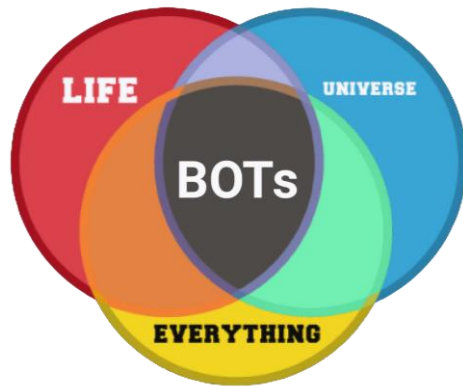
Ultimate Question of Life, the Universe, and Everything

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What is the fantastic feature of ActivityHD?



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CONFERENCE

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Answers... Question

WHAT IS THE QUESTION

What is the GOAL of AccountingWare?

Mission Statement:

“to solve accounting problems with technology in innovative ways”

Q: How do we solve problems with the ActivityHD accounting system in innovative ways?

Bots... is the answer!

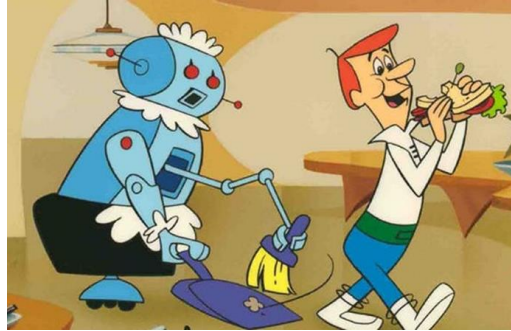
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Agenda

HERE'S THE PLAN

- History of Automation
- Why use automation?
- Examples
 - Integrations
 - Efficiency
 - Document Processing
- How to get a Bot



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Bot Development

EXTEND FUNCTIONALITY OF ACTIVITYHD

Tailoring Codes

Past

- Excel Spreadsheets (VBA)
- Mass Changer
- Programmable Mass Changer
- VBScript (BOTs)

- Integrations
- DataSources
- Efficiencies
- JavaScript

Present

Future

- ActivWeb API
- Larger, more robust integrations
- V8 Script Engine

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What makes this possible?

ACTIVITYHD OBJECT MODEL

- **Excel** (Office 365) was developed as an object model

ChatGPT: The Excel object model provides a powerful set of tools for creating and editing spreadsheets, importing and exporting data, performing calculations, and generating reports. With the Excel object model, developers can develop custom solutions and add-ins to automate repetitive tasks or extend Excel functionality beyond its standard features.

- **ActivityHD**

- Develop custom solutions
- Automate repetitive tasks
- Extend functionality beyond its standard features



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Why use Automation?

THE QUESTION

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Workflow Challenges

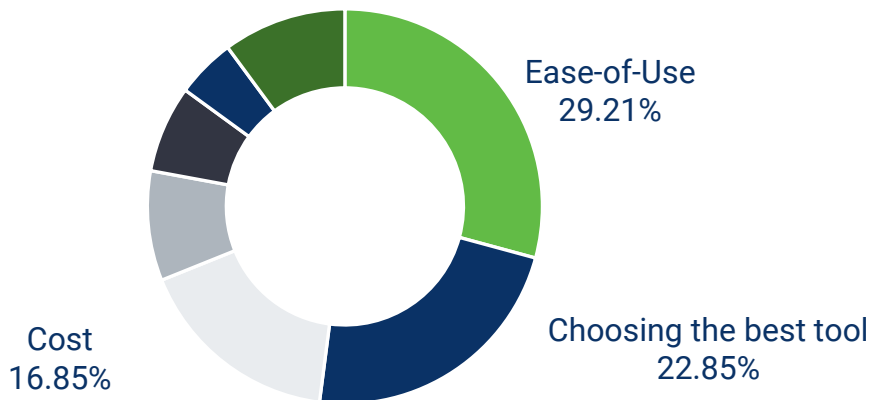
FORMSTACK'S STATE OF WORKFLOW AUTOMATION REPORT



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Top Challenges in Adopting Workflow Automation Tools

FORMSTACK'S STATE OF WORKFLOW AUTOMATION REPORT



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Bot Benefits

WHY USE AUTOMATION

Bots and Automation are much faster than manual processes

Fast

Bots provide a consistent format every time

Consistent

Time Saving

Automation allows you to focus your time on what matters

Reduce Errors

Using Automation reduces Errors and Typos



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Robotic Process Automation

WHY USE AUTOMATION

- RPA (Robotic Process Automation)
- Microsoft's Power Automate
 - Easy to use ?
 - Universal
- BOT advantages:
 - Goal: Anything you can do manually can be mimicked with a bot.
 - Ensures that data fits business rules.
 - All data (input/output) is accessible through automation
 - Security controlled by ActivityHD
 - Orders of magnitude faster

AW
AccountingWare.

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Integrations

THE CONNECTION

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Integration Capabilities

INTEGRATIONS



Upload
Information



Download
Information



Process
Information

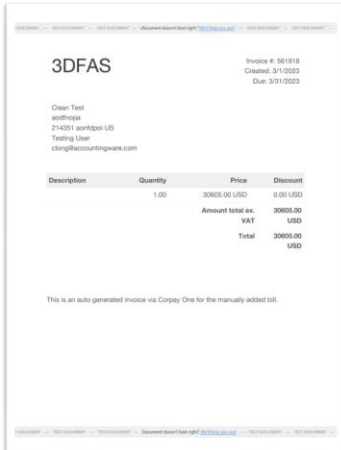


Data

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CorpayOne

INTEGRATIONS



- Efficient Payment
- Credit Cards
- AP Approvals
- Invoice Processing



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CorpayOne

INTEGRATIONS

Operation:

- Invoice submission allowed from ActivityHD or CorpayOne
- Invoice edits in CorpayOne are reflected in ActivityHD
- Approval process is reflected in CorpayOne and ActivityHD
- Payments allowed from ActivityHD or CorpayOne
- Synchronizes nightly

Synchronizes Invoice:

- Dates
- Number
- Vendor
- Accounts
- Attributes
- Detail Lines
- Status
- PDFs



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Concur Import

INTEGRATIONS



Two Type of Concur Imports:

- **AP Invoices**

- Includes all relevant Information on expenses themselves including GL account mapping
- Attaches PDF of invoices

- **Employee Expenses**

- Includes all relevant information for expense entries including GL account mapping
- Attaches PDF of receipts



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Others

INTEGRATIONS

- K-12 school system
- Timekeeping Systems
- Tessitura Ticketing

- REST API
- SOAP API
- File download



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Keeping Track of Your Employees with Ease

Tuesday at 3:10pm
Elizabeth Hudspeth & Cole Long



WorkforceHub.
powered by swipeclock



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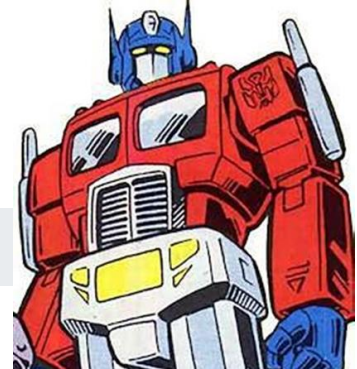
Efficiency

THE ANSWER

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Automation Capabilities

EFFICIENCY



Create New Information

1

Validate Data

2

Transform Data

3



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Demonstration

LIVE DEMO

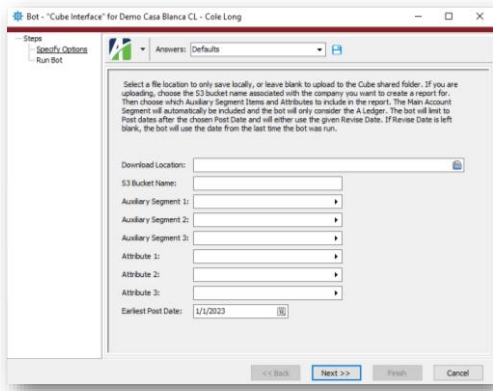
- Prepaid Expenses using Extra GL



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Information Interfaces

EFFICIENCY



- Cube - Financial Planning and Analysis Software
- Accesses SQL to create customized spreadsheet
- Can use Amazon Web Services (AWS) Command Line Interface to access S3
- Can use Microsoft Azure Command Line Interface



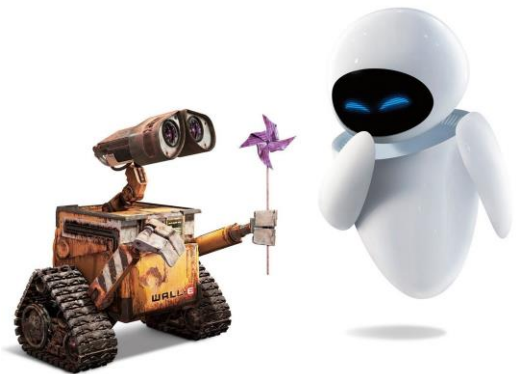
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Information Interfaces

EFFICIENCY

DataSources:

- Allows access to data directly from database
- Allows complete customization of information pulled and sorted
- Accessible through ActivWeb API



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Into the Woods with ActivityHD's Financial Trees

Monday at 3:10pm
Sarah Brewster

- Automatically publishes financial designs
- Allows iterations over branches of financial tree
- Emails published financials



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Bank Reconciliation

EFFICIENCY

Basic: (reconcile once/month)

- Compares a bank OFX (QFX) file with ActivityHD Bank Transactions
- Reconciles transactions
- Informs of any unmatched transactions, or errors reconciling
- Doesn't handle deposits in the same amount



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Bank Reconciliation

EFFICIENCY

	A	B	C	D	E	F	G	H
1	Bank Name: MyBank							
2	Bank ID: 123456							
3	Date file was generated: Tue Mar 20 2023 11:08:03 GMT-0500 (Eastern Standard Time)							
4	Type	Date Cleared	Debit Amount	Credit Amount	Check Number	Memo	Name	Status
5	DIRECTDEP	3/5/2023	167.35				Concession Sales	Reconciled
6	DIRECTDEP	3/6/2023	56.87				Reimbursement	unreconciled- no amount match
7	DEBIT	3/7/2023		15,047.12			Software License	Reconciled
8	DEBIT	3/8/2023		631.98			Office Furniture	Reconciled
9	DIRECTDEP	3/8/2023	250.00				Services	unreconciled - matches too similar
10	DIRECTDEP	3/12/2023	250.00				Services	unreconciled - matches too similar



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Bank Reconciliation

EFFICIENCY

Advanced:

- BAI2 file
- More details in the bank records for larger companies
- Usually an extra charge for this service ??
- Reconcile daily



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Document Processing

THE ANSWER PART II

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Document Processing

Document

- Information
- Signature needed

Form W-9
Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

Part I Taxpayer Identification Number (TIN)
Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see how to get a TIN, later.

Part II Certification
Under penalties of perjury, I certify that:
1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA codes entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax returns. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here: Signature of U.S. person: _____ Date: _____

ActivityHD

- Information
- Document Storage after signature

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Demonstration

LIVE DEMO

- W-9 Form Processing with DocuSign



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Other Document Routing Vendors

- Adobe Sign
- HaloSign
- PandaDoc
- SignNow
- PDFfiller



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How to get INVOLVED

BOT CLASSIFICATION

- Built-In Bots
 - Financial Tree Reporting
- Template Bots
 - W-9
 - PPD Expense
 - Bank Reconciliation
- Custom Bots
 - Build an application specific to your needs



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Template Bots

HOW TO GET A BOT

- Template Bots are applicable to a general audience without much customization
- Some of these are:
 - WorkforceHub Integrations
 - BambooHR Integration
 - Unearned Revenue
 - And many more!



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How do I get Template Bots?

HOW TO GET A BOT

Step 1

Contact AccountingWare for potential solutions that already exist



Step 2

Purchase bot for flat rate including installation



Step 3

A quote will be given for any needed customization



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Why use Template Bots?

HOW TO GET A BOT

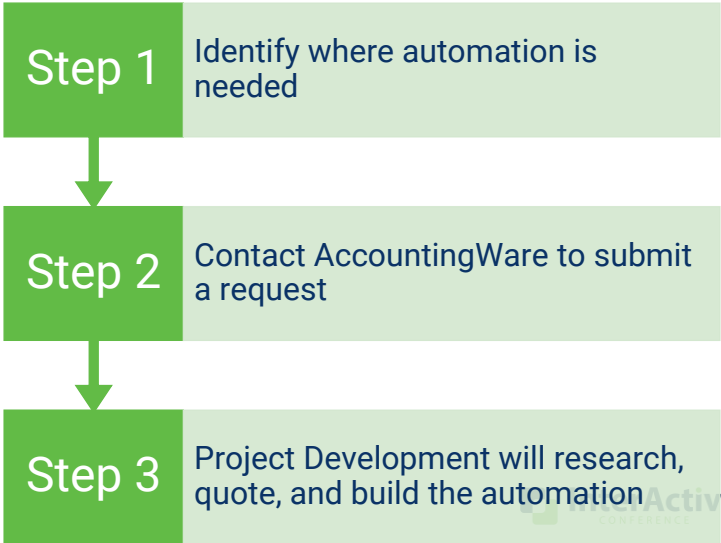
- Faster to Implement
- More standardization and use means less bugs
- If you're facing a common issue, it's extremely likely someone else is too!
- What if the issue is specific to your company?



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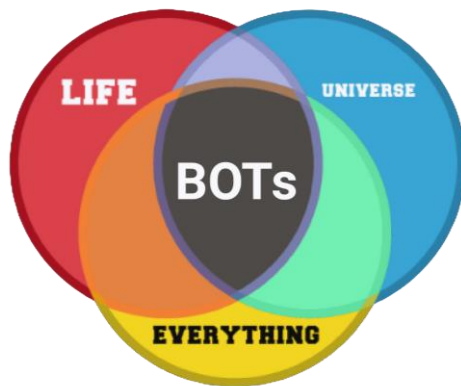
How do I get Custom Automation?

HOW TO GET A BOT




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What is a fantastic feature of ActivityHD?



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THANKS FOR JOINING!

How Bots Answer the Ultimate Question of Life, the Universe, and Everything

Marvin Crossnoe & Cole Long
support@accountingware.com
<https://accountingware.com/help>