

■ Windsurf IDE & Co: AI Coding Assistants for OpenEdge

Mike Fechner
Consultingwerk

The full stack modernization framework
SmartComponent Library
by Consultingwerk

Mike Fechner



35 years of experience in Progress
(from Version 5 to OpenEdge 12)

Active member of the OpenEdge
community and speaker at international
conferences

Expert in software architecture, object-
oriented design, and web technologies

Modernization in Focus



**Modernization of
Legacy OpenEdge
Applications**



**Deep Technical
Expertise**



**Global IT Partner
with Local
Presence**



**More than
Consulting – We
Deliver Tools &
Solutions**

Other AI presentations

- Windsurf IDE & Co: AI Coding Assistants for OpenEdge
 - Monday 14:15
- Modernizing OpenEdge Applications with the SmartComponent Library
 - Tuesday 11:00
- Implementing MCP servers with OpenEdge
 - Wednesday 11:00



**AI Coding Assistants for OpenEdge
accelerate development with
AI-powered assistance.**

Gen AI and OpenEdge?

- „I have tried Chat GPT last year and the FOR EACH Customer is generated didn't even compile“
- „There's not enough open-source ABL code available to train LLM's“
- “ABL applications are too complex for an AI to understand”
- ...

GenAI

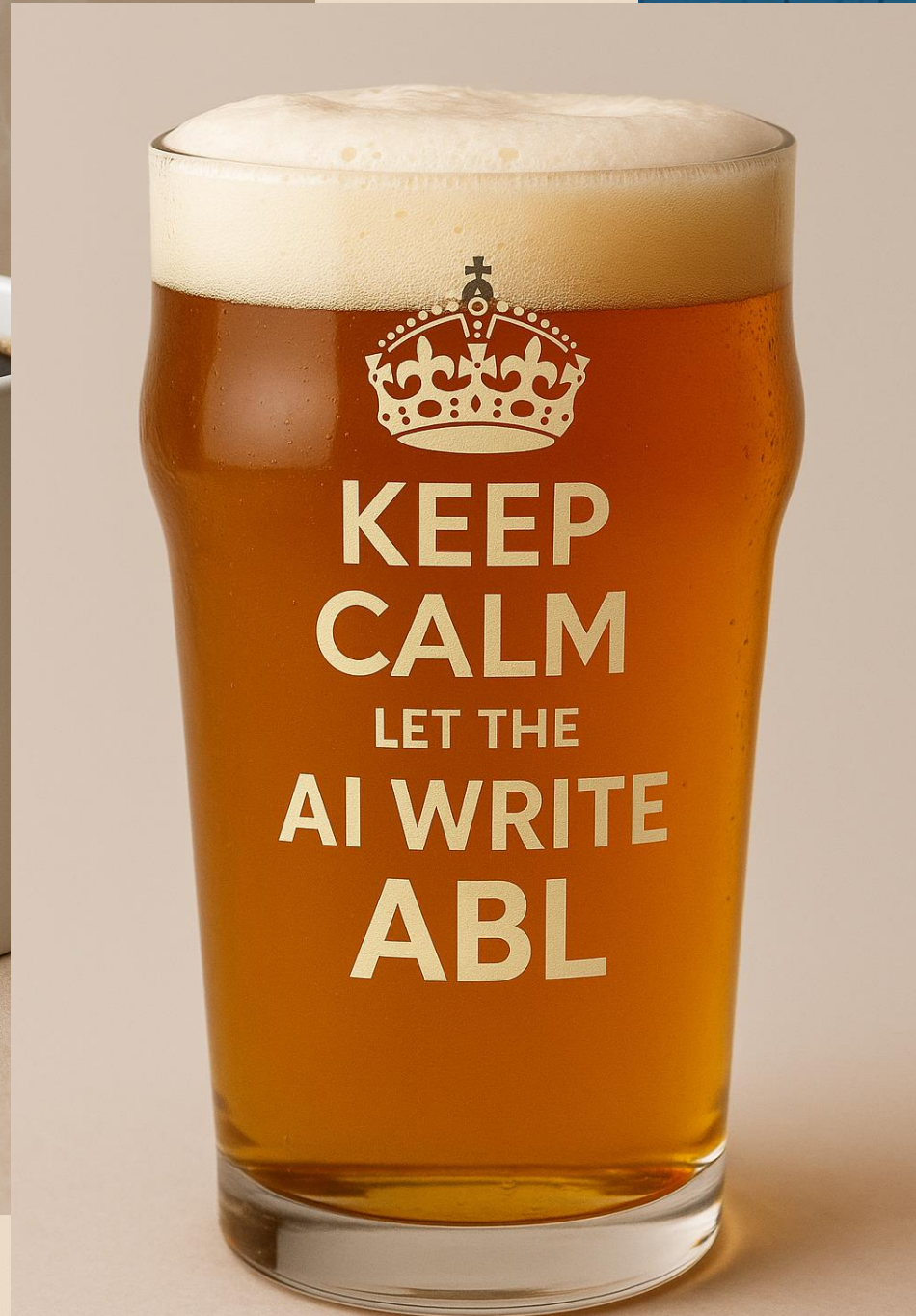


GenAI

“Generative artificial intelligence (generative AI, GenAI, or GAI) is artificial intelligence capable of generating text, images, videos, or other data using generative models, often in response to prompts. Generative AI models learn the patterns and structure of their input training data and then generate new data that has similar characteristics.”

“Generative AI has uses across a wide range of industries, including software development, healthcare, finance, entertainment, customer service, sales and marketing, art, writing, fashion, and product design.”

https://en.wikipedia.org/wiki/Generative_artificial_intelligence



GenAI in Software development

- Supporting of developers while writing code
- More intelligent proposals while coding
- Chat: „write me a method that solves XYZ “, „write me a unit test for this method “), Boiler Plate Code – the new kind of wizards
- Explanation of Code, proposal for comments
- Refactoring of Code
- Understanding of the context
 - Programming languages
 - Frameworks
 - Application model / Terms, e.g. Database schema

W Windsurf

Codeium / Windsurf

- Rebranded to “Windsurf” end of 2024/early of 2025
- AI Assistant for Software developer
- Used at Consultingwerk since end of March 2024
- Resulting proposals improved day by day
- 70 programming languages – no ABL support out of the box 😞
- 40 IDE’s (including VS Code and Eclipse), works well in PDSOE 12.8



codeium

W Windsurf

Windsurf IDE

- Tailored version of VS Code
- Windsurf AI Extension built in
- More access to resources in the IDE than what Microsoft supports in the language server protocol
- Alternatives: VS Code with Copilot or Cursor or ...

Windsurf

- Amazing results in code completion for OpenEdge after just a few days
- Excellent understanding of ABL code
 - ABL is a very verbose programming language – almost readable with knowledge of English
 - Descriptive identifiers in the code are helpful
- Programming Context
 - Framework code
 - Legacy application
 - Modernized application
- Valuable support when working with unfamiliar codebases


```
· · define variable cCustomerName as character no-undo.↵  
· · define variable i ··········· as integer ··· no-undo.↵  
· · define variable iCount ······· as integer ··· no-undo.↵  
· · define variable deAverage| ····· as decimal ··· no-undo.↵  
· · ↵
```

```

/**
 * Purpose: Adds additional fields specified by the caller to the current Business Ent
 * Notes : This is a stub implementation and can be extended to parse and add fields
 * @param pcAdditionalFields A comma delimited list of additional fields to add
 * @param phDatabaseDataset The handle to the dataset with the schema information
 */
method protected void AddAdditionalFields (pcAdditionalFields as character,
                                           phDatabaseDataset as handle):

    define variable i as integer no-undo .
    define variable iCount as integer no-undo .

    iCount = num-entries (pcAdditionalFields, ",":U) .

    do i = 1 to iCount:
        end.
    end method.

/**
 * Purpose: Returns a
 * Notes:
 * @param pcTableName
 * @param pcIndexFields The comma delimited list of field names

```

```
method public void ProcessOrder (piOrderNum as integer):  
  
    define variable oOrder as OrderDatasetModel no-undo.  
    define variable oCustomer as CustomerDatasetModel no-undo.  
  
    oOrder = new OrderDatasetModel().  
    oOrder:Order:Filter:Ordernum:EQ(piOrderNum):Run().  
  
    if not oOrder:Order:Available then  
        undo, throw new AppError("Order not found", 0).  
  
    oCustomer = new CustomerDatasetModel().  
    oCustomer:Customer:Filter:CustNum:EQ(oOrder:Order:CustNum):Run().  
  
    if not oCustomer:Customer:Available then  
        undo, throw new AppError("Customer not found", 0).
```



```
WHEN JsonDataType:NUMBER THEN DO:
  IF JsonHelper:IsIntegerProperty (poJson, cProperty) THEN DO:
    IF LOG-MANAGER:LOGFILE-NAME <> ? OR SESSION:REMOTE OR SESSION:CLIENT-TYPE = "WEBSPEED":U THEN
      LOG-MANAGER:WRITE-MESSAGE (SUBSTITUTE ("### Setting '&1' to INTEGER '&2'":U,
      cProperty,
      poJson:GetInteger (cProperty)),
      "Startup":U) .
    DYNAMIC-PROPERTY (ENTRY (1, cProperty, ":"U),
      ENTRY (2, cProperty, ":"U)) = poJson:GetInteger (cProperty) .
  END.
  ELSE IF JsonHelper:IsInt64Property (poJson, cProperty) THEN DO:
    IF LOG-MANAGER:LOGFILE-NAME <> ? OR SESSION:REMOTE OR SESSION:CLIENT-TYPE = "WEBSPEED":U THEN
      LOG-MANAGER:WRITE-MESSAGE (SUBSTITUTE ("### Setting '&1' to INTEGER '&2'":U,
      cProperty,
      poJson:GetInt64 (cProperty)),
      "Startup":U) .
    DYNAMIC-PROPERTY (ENTRY (1, cProperty, ":"U),
      ENTRY (2, cProperty, ":"U)) = poJson:GetInt64 (cProperty) .
  END.
  ELSE DO:
    IF LOG-MANAGER:LOGFILE-NAME <> ? OR SESSION:REMOTE OR SESSION:CLIENT-TYPE = "WEBSPEED":U THEN
      LOG-MANAGER:WRITE-MESSAGE (SUBSTITUTE ("### Setting '&1' to INTEGER '&2'":U,
      cProperty,
      poJson:GetDecimal (cProperty)),
      "Startup":U) .
    DYNAMIC-PROPERTY (ENTRY (1, cProperty, ":"U),
      ENTRY (2, cProperty, ":"U)) = poJson:GetDecimal (cProperty) .
  END.
END.
```

```

WHEN JsonDataType:NUMBER THEN DO:
... IF JsonHelper:IsIntegerProperty (poJson, cProperty) THEN DO:
...     LogManager:WriteFormattedMessage("### Setting '&1' to INTEGER '&2'":U,
...     cProperty,
...     poJson:GetInteger (cProperty),
...     NEW MessageSubSystem("StaticProperties":U)) .
...
...     DYNAMIC-PROPERTY (ENTRY (1, cProperty, "":U),
...     ENTRY (2, cProperty, "":U)) = poJson:GetInteger (cProperty) .
...
... END.
... ELSE IF JsonHelper:IsInt64Property (poJson, cProperty) THEN DO:
...     LogManager:WriteFormattedMessage("### Setting '&1' to INTEGER '&2'":U,
...     cProperty,
...     poJson:GetInt64 (cProperty),
...     NEW MessageSubSystem("StaticProperties":U)) .
...
...     DYNAMIC-PROPERTY (ENTRY (1, cProperty, "":U),
...     ENTRY (2, cProperty, "":U)) = poJson:GetInt64 (cProperty) .
...
... END.
... ELSE DO:
...     LogManager:WriteFormattedMessage("### Setting '&1' to DECIMAL '&2'":U,
...     cProperty,
...     poJson:GetDecimal (cProperty),
...     NEW MessageSubSystem("StaticProperties":U)) .
...
...     IF LOG-MANAGER:LOGFILE-NAME <> ? OR SESSION:REMOTE OR SESSION:CLIENT-TYPE = "WEBSPEED":U THEN
...         LOG-MANAGER:WRITE-MESSAGE (SUBSTITUTE ("### Setting '&1' to INTEGER '&2'":U,
...         cProperty,
...         poJson:GetDecimal (cProperty)),
...         "Startup":U) .
...
...         DYNAMIC-PROPERTY (ENTRY (1, cProperty, "":U),
...         ENTRY (2, cProperty, "":U)) = poJson:GetDecimal (cProperty) .
...
... END.

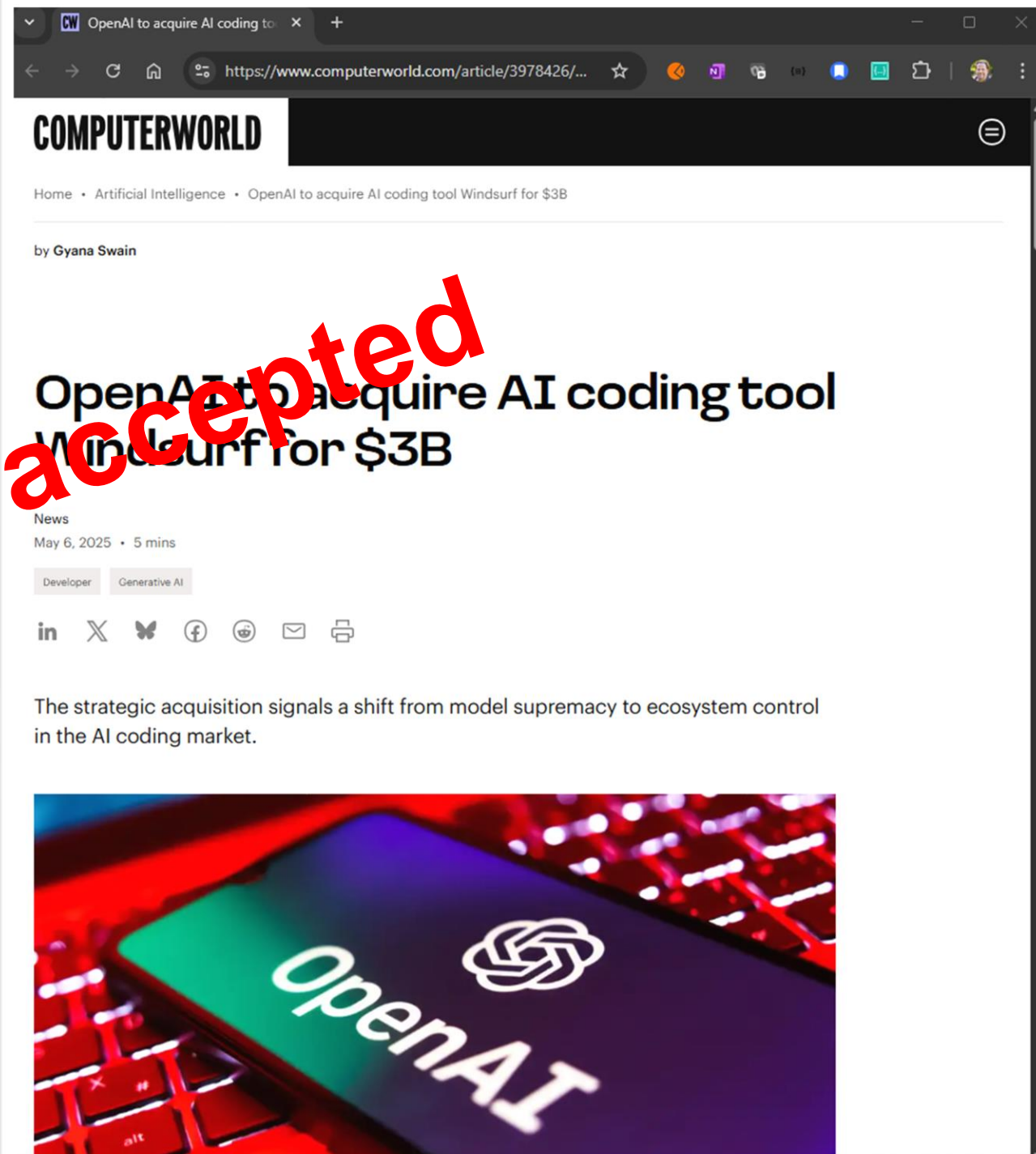
```



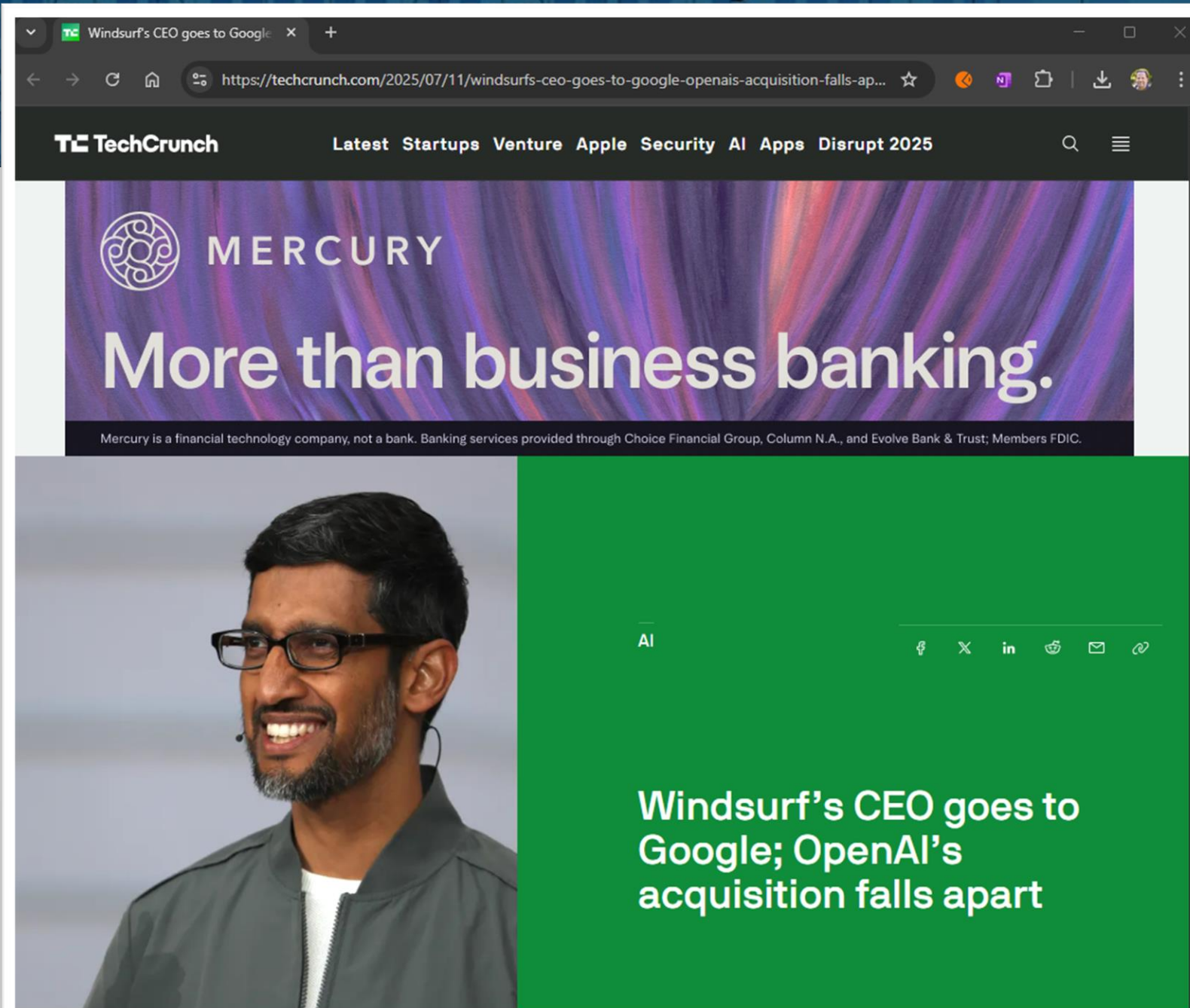

A Hot Summer for Windsurf

Windsurf acquisition by OpenAI (ChatGPT)

- Source:
<https://www.computerworld.com/article/3978426/openai-to-acquire-ai-coding-tool-windsurf-for-3b.html>



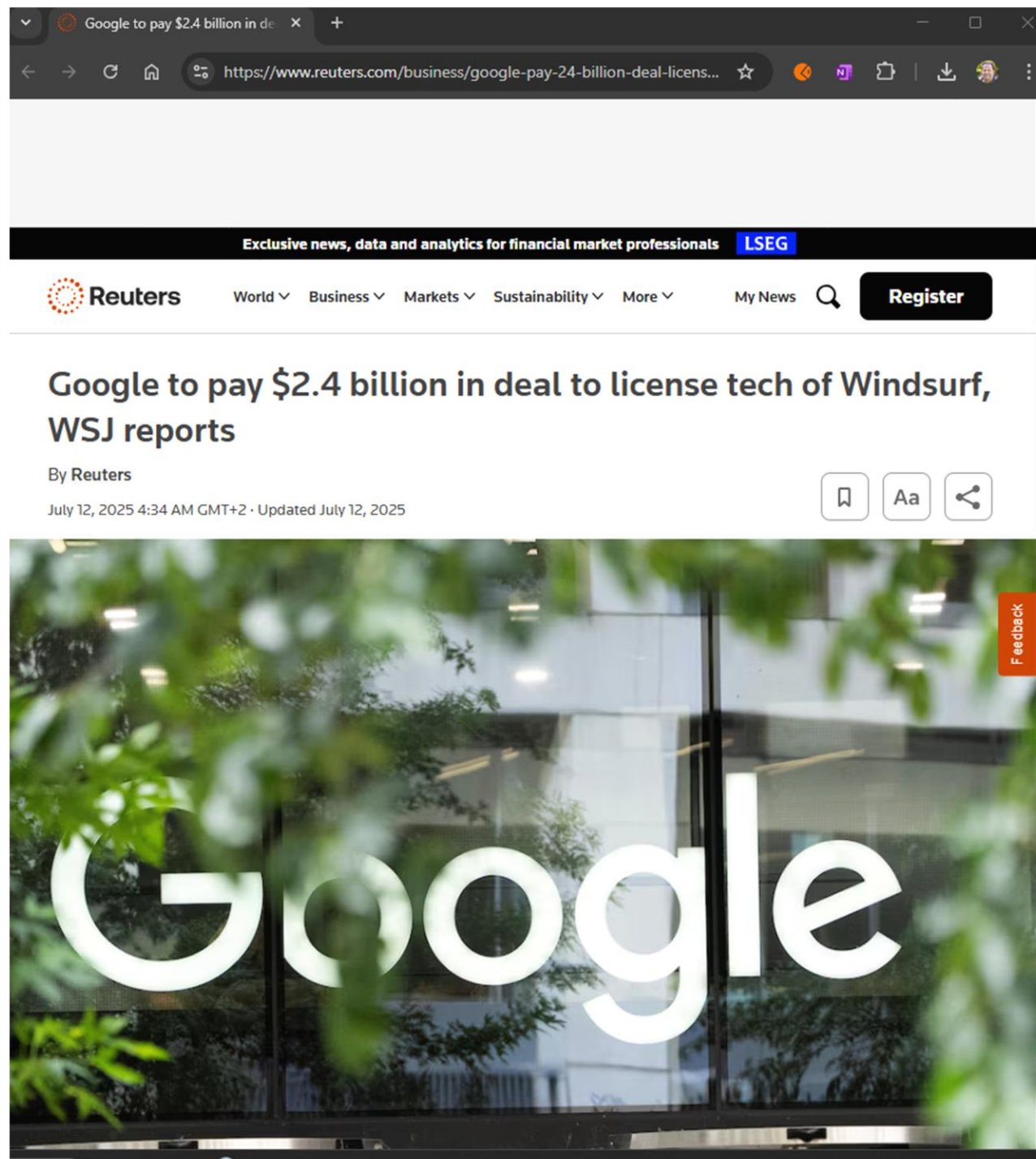
- Source:
<https://techcrunch.com/2025/07/11/windsurfs-ceo-goes-to-google-openais-acquisition-falls-apart/>



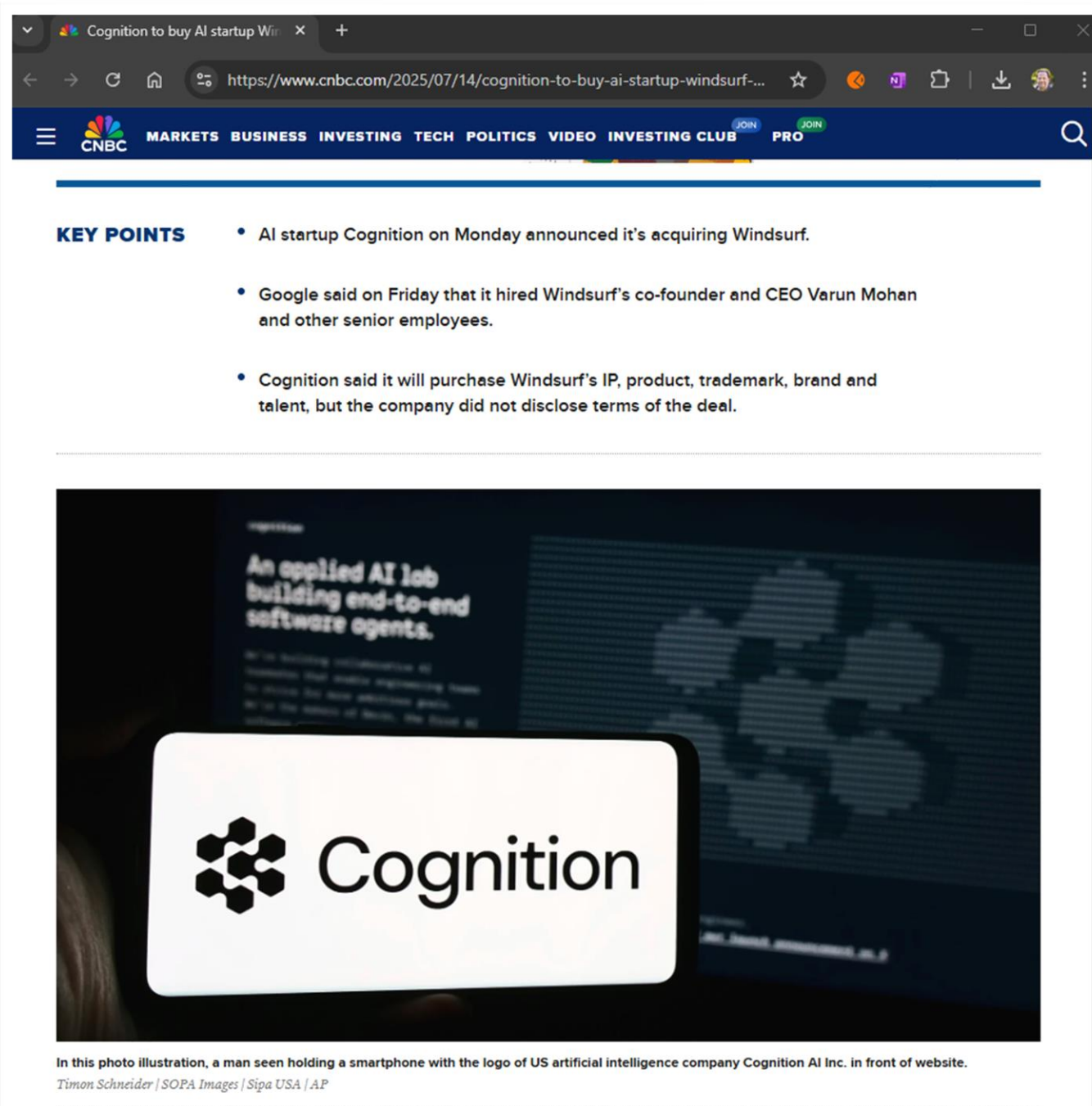


Source:

<https://www.reuters.com/business/google-pay-24-billion-deal-license-tech-windsurf-wsj-reports-2025-07-12/>



- Source:
<https://www.cnbc.com/2025/07/14/cognition-to-buy-ai-startup-windsurf-days-after-google-poached-ceo.html>



- <https://www.bwdisrupt.com/article/ai-engineerign-startup-cognition-secures-400-mn-at-102-bn-valuation-570698>

AI Engineering Startup Cognition Secures \$400 Mn At \$10.2 Bn Valuation

Tuesday | Sep 09 2025 | 03:35:49 PM

ALL Accor
Daredevils, foodies, zen masters — check off bucket list experiences for every you. **BOOK NOW**

sify Largest Data Center Campus in North India - Noida 02 **AI READY**

News Startups Entrepreneur Investor Categories Events Videos Communities Subscribe To Print

Home / Startups / AI Engineering Startup Cognition Secures \$400 Mn At \$10.2 Bn Valuation


AI Engineering Startup Cognition Secures \$400 Mn At \$10.2 Bn Valuation

BW Online Bureau | Sep 09, 2025

Cognition funding # AI coding agents # Devin AI software engineer # Windsurf IDE acquisition

AI software engineering startup # Founders Fund investment # enterprise AI coding tools

The round was led by Founders Fund with participation from existing backers and new investors



CAIRO

ADVERTISE

CAIRO

500,99 €

Cognition (Windsurf) Named a Leader in the 2025 Gartner® Magic Quadrant™ for AI Code Assistants

- <https://windsurf.com/blog/gartner-windsurf-cognition-magic-quadrant-ai-coding-assistants>

Figure 1: Magic Quadrant for AI Code Assistants



Windsurf now part of Cognition

- Startup Cognition - developer of Devin.ai
- Development ongoing
- Windsurf and Devin growing together
- First Devin features appear in Windsurf

Demo Windsurf

- Intelligent auto-completion
- Tab-to-jump
- Cascade, prompt-based development
- OpenEdge syntax
- SmartFramework MCP Server

Sample prompts

- Create an Enum of Workdays
- Create a parameter object `DateRangeParameter` with a `DateFrom` and `DateTo` property.
- Then create an Interface `IWorkdayCalculator` with a method `CalculateWorkdays` that receives the parameter object instance and returns in `Integer` - the number of workdays. Create implementation class `WorkdayCalculator`

Refactoring sample

- Simple sample based on real world code of a customer
- Legacy code
- Demo video
- Refactored code

*„Look at JIRA ticket MISC-104 and
implement as required”*

+

The business task class should use the following USING statements:

```
1 using Consultingwerk.OERA.* from propath.
```


The screenshot displays a Visual Studio Code workspace titled "Develop128 (Workspace) - Windsurf - original-procedure.p". The Explorer sidebar on the left shows the project structure, including folders like "SmartComponentLibrary", "rules", "workflows", and "Assemblies", as well as files like "original-procedure.p" and "UpdateCustomerAddressTask.cls". The main editor area shows the "original-procedure.p" file with the following code:

```
24 define variable global-cust-nbr as integer no-undo.
25
26 procedure set-customer-address:
27
28     define frame f-cust-updt.
29     run sydir/colorlabel.p (frame f-cust-updt:handle,3).
30
31     do transaction:
32
33         find customer where customer.custnum = global-cust-nbr exclusive-lock.
34
35         update customer.name colon 9 label "Attn"
36         customer.address colon 9 label "SHIP TO"
37         customer.address2 colon 9 no-label
38         customer.city colon 9 no-label
39         customer.state no-label AUTO-RETURN
40         customer.postalcode no-label AUTO-RETURN
41         Customer.SalesRep label "Sales Rep" colon 9
42         with frame f-cust-updt overlay column 45 row 5 title "Customer address" s
43
44     do while customer.name = "" or
45         customer.address = "" or
46         customer.city = "":
47         message "Name, Address and City are required"
48         view-as alert-box Error.
49         update customer.name customer.address customer.city with frame f-cust-updt
50     end.
51
52     do while not can-find(salesrep where salesrep.salesrep = customer.salesrep):
53     message "Salesrep must be valid"
54     view-as alert-box Error.
55     update customer.salesrep with frame f-cust-updt.
56     end.
57
58     hide frame f-cust-updt.
59     find current customer no-lock.
60
61 end procedure.
62
63
64
```

The Cascade sidebar on the right, titled "Write with Cascade", provides a search bar with the placeholder text "Ask anything (Ctrl+L), @ to mention, / for workflows". Below the search bar, it lists "4 available MCP servers" with a "Refresh" button and "Configure" link. The servers listed are:

- OEMentor 6 tools
- atlassian 13 tools
- perforce 16 tools
- puppeteer 0 tools
- smartframeworkmcp 5 tools

The "All Conversations" section shows a list of recent conversations:

- Refactoring UpdateCustomerAddress Task (12m)
- Implement JIRA Ticket MISC-104 (53m)
- Create BringMeSomeCoffeeParameter Object (1h)

The bottom status bar shows the current file path: "PS C:\Work_STREAM\SmartComponentLibrary\Develop128\ABL>".

VS Code Extensions in Windsurf

- Microsoft does only allow true VS Code to use their Extension Store
- Many – not all – extensions are published to open-vsx.org
- Windsurf uses a mirror of open-vsx.org
- Requires extension vendor to publish twice
- Extensions not found on open-vsx.org
 - Speak to publisher and ask to publish it there – some did
 - Rebuild .vsix file from Github repository
 - Download from Microsoft store
 - <https://stackoverflow.com/questions/79359919/how-can-i-download-vsix-files-now-that-the-visual-studio-code-marketplace-no-16/79565372#79565372>

How can I download .vsix files now that the visual studio code marke...

https://stackoverflow.com/questions/79359919/how-can-i-download-vsix-files-now-that-the-visual-studio-code-marke...

stackoverflow

Products

Search...

Home

Questions

AI Assist Labs

Staging Ground

Tags

Saves

Challenges

Chat

Articles

Users

Companies

COLLECTIVES +

Communities for your favorite technologies.
Explore all Collectives

TEAMS X

Ask questions, find answers and collaborate at work with Stack Overflow for Teams

Add a comment | Show 2 more comments

7 Answers

Sorted by: Highest score (default)

33

You can construct the .vsix download URL by hand.

1. Get extension's "Unique Identifier", and split it into two parts along the `.` :
eg. `ms-python.python` becomes `ms-python` and `python`

2. Get a version from "Version History" tab on marketplace.
eg. `2024.17.2024100401`

3. Determine the binary type that you need. Skip this step if this extension is "Universal". Note that some extensions do not support all binary types.

Binary type	targetPlatform
Alpine Linux 64 bit	<code>alpine-x64</code>
Alpine Linux ARM64	<code>alpine-arm64</code>
Linux ARM32	<code>linux-armhf</code>
Linux ARM64	<code>linux-arm64</code>
Linux x64	<code>linux-x64</code>
Windows ARM	<code>win32-arm64</code>
Windows x64	<code>win32-x64</code>
macOS Apple Silicon	<code>darwin-arm64</code>
macOS Intel	<code>darwin-x64</code>

Popular unanswered question

Use of Insecure iOS Coding Functions - React Native, MobSF

`ios` `objective-c` `react-native` `security` `mobsf`

Darshan Rumalwala

 19 464 days ago

Linked

0

 Problem with offline installation of extensions for Visual Studio Code

0

 VsCode Extensions Download Problem for Offline Installation

224

 How can I install Visual Studio Code extensions offline?

Related

1321

 How do I search for files in Visual Studio Code?

1477

 How do I fold/collapse/hide sections of code in Visual Studio Code?

1389

 How can I navigate back to the last cursor position in Visual Studio Code?

1270

 Why is the Visual Studio Code Tab `⌘` Key not inserting a tab?

1087

 How can I hide specified files/directories (e.g., `.git`) in the sidebar? (Visual Studio

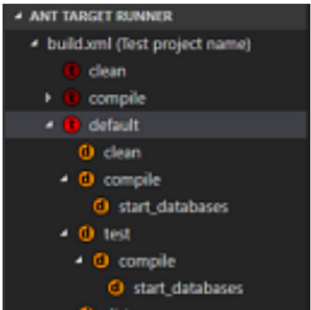
© 2025 C

erkerk

opment

in framework

ment Library



Ant Target Runner

Nick Heap

44,407

★

★

★

★

★

(8)

Run Ant targets, manually & automatically, with colored Ant output.

Disable

▼

Uninstall

▼

☒
Auto Update

⚙️

DETAILS

FEATURES

CHANGELOG

Ant Target Runner for Visual Studio Code

An ant extension that parses build.xml in the root directory (but you can configure it to look elsewhere) and allows you to easily run the targets or reveal their definitions. Ant build output can be colored, environment variables can be set and targets can be automatically run on changes in the file system.

Installation

Identifier	nickheap.vscod ant
Version	0.5.0
Last Updated	2024-06-19, 21:40:34
Size	42.98MB

- https://marketplace.visualstudio.com/_apis/public/gallery/publishers/nickheap/vsextensions/vscode-ant/0.5.0/vspackage

© 2025 Consultingwerk Application Modernization Solutions Ltd. All rights reserved.

The full stack modernization framework

SmartComponent Library

Windsurf customization options

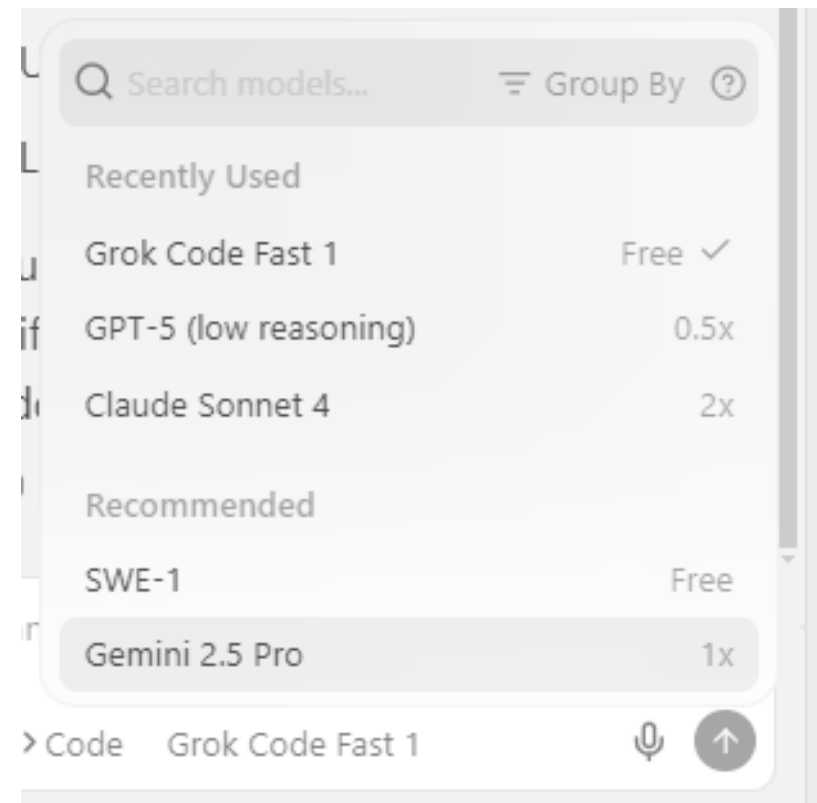
- Rules (global and project based)
- Workflows
- MCP Servers

AI Agents and the LLM

- An AI agent is a Program that connects users, tools and the LLM
- LLM receives prompt from agent
 - System prompt “you are a useful developer agent specialized in refactoring existing code”, here are relevant rules ...
 - User prompt “write Enum for Weekdays”
- AI agent can provide list of “tools” with prompt
- LLM then analyses the prompt (letter by letter) and returns answer or suggested tools
- AI agent can execute tools and call into LLM again with tool result

AI Agents and the LLM

- LLM's are stateless services
- „Trained“ on data a few weeks or months old
- LLM's don't have memory, they don't remember what they did for you a minute ago
- Agents can add memory, RAG, tools
- LLM API mostly compatible to OpenAI's GPT API (Chat GPT, 2022+)
- Different LLM's have different strengths





Devin – the step-brother of Windsurf

- Cloud based AI development environment
- Designed to run larger tasks in the Cloud
- Code-Wiki
- Devin Machine
- VS Code in the browser
- <https://devin.ai/>
- „Develop in AI“

Devin

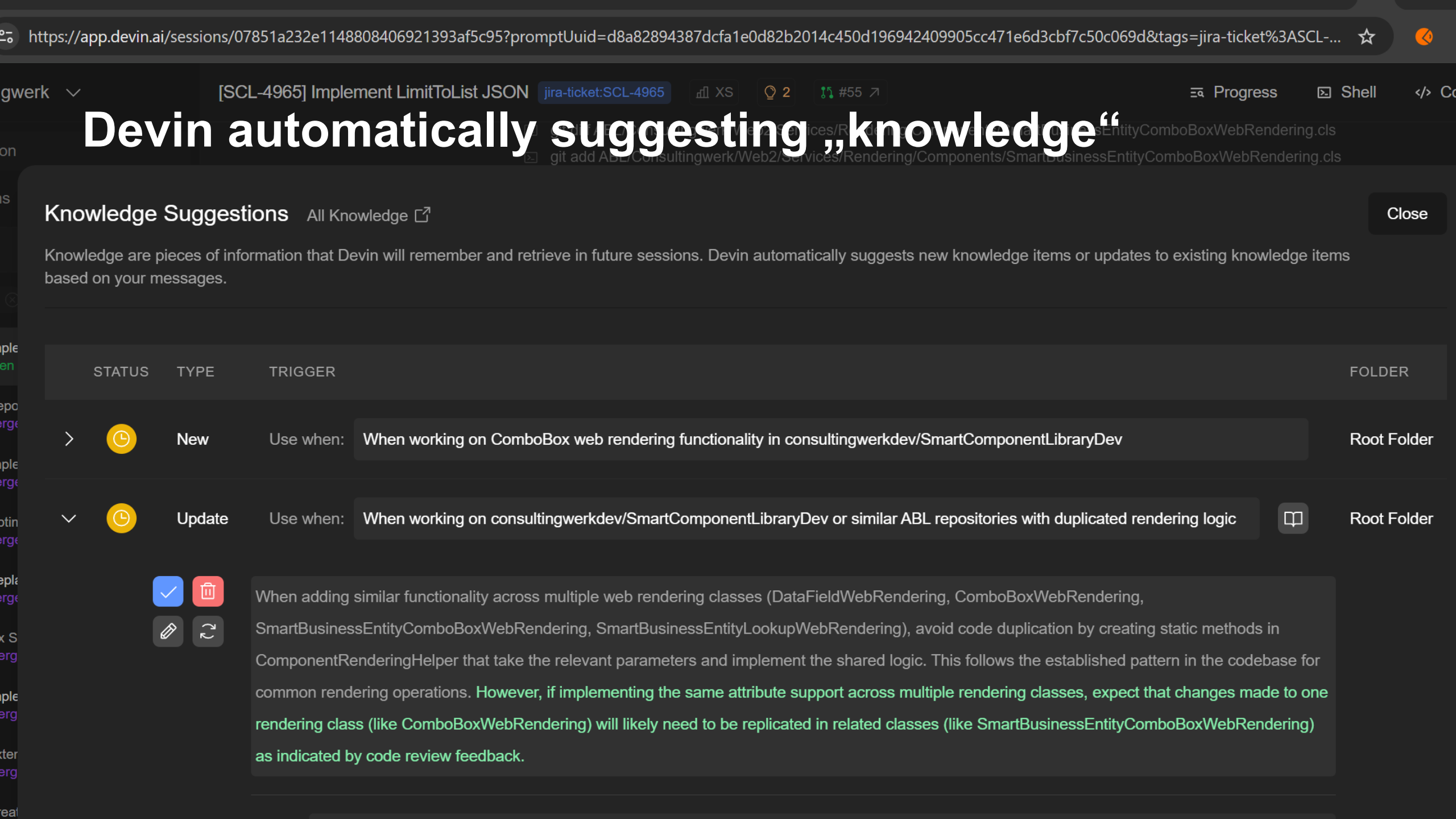
- Devin Setup
- Devin Deep Code Wiki – where is VAT calculated in the Beckelmann Application?
- Devin JIRA Task execution
- Devin Pull-Requests

JIRA Ticket samples

- <https://consultingwerk.atlassian.net/browse/SCL-4965>
- <https://consultingwerk.atlassian.net/browse/SCL-4961>
- <https://consultingwerk.atlassian.net/browse/SCL-4958>

Live coding

- <https://consultingwerk.atlassian.net/browse/MISC-109>
- <https://app.devin.ai/sessions/673b3d55a2c940e6a3c08829d821fb7f>



Devin automatically suggesting „knowledge“

Knowledge Suggestions [All Knowledge](#)

Close

Knowledge are pieces of information that Devin will remember and retrieve in future sessions. Devin automatically suggests new knowledge items or updates to existing knowledge items based on your messages.

	STATUS	TYPE	TRIGGER	FOLDER
>		New	Use when: When working on ComboBox web rendering functionality in consultingwerkdev/SmartComponentLibraryDev	Root Folder
∨		Update	Use when: When working on consultingwerkdev/SmartComponentLibraryDev or similar ABL repositories with duplicated rendering logic	Root Folder
		<p>When adding similar functionality across multiple web rendering classes (DataFieldWebRendering, ComboBoxWebRendering, SmartBusinessEntityComboBoxWebRendering, SmartBusinessEntityLookupWebRendering), avoid code duplication by creating static methods in ComponentRenderingHelper that take the relevant parameters and implement the shared logic. This follows the established pattern in the codebase for common rendering operations. However, if implementing the same attribute support across multiple rendering classes, expect that changes made to one rendering class (like ComboBoxWebRendering) will likely need to be replicated in related classes (like SmartBusinessEntityComboBoxWebRendering) as indicated by code review feedback.</p>		

Testing code developed by Devin

- Install OpenEdge in Devin machine?
- As soon as PR is issued, Integration build on Jenkins is started
- ~ 20.000 Unit Tests executed
- Checkout branch locally to modify code and test
- ...

CLI based tooling

- Tools running locally, but outside the IDE
- Use your favorite IDE, even vi or Emacs
- Claude Code, Google Gemini CLI, Atlassian Rovo Dev Agent, ...
- All supporting MCP servers



Claude Code can now be used with your Claude API based on API usage through your Console and

Select login method:

- >1. Claude account with subscription**
Starting at \$20/mo for Pro, \$100/mo for pricing
- 2. Anthropic Console account**
API usage billing

Gen AI in Application Modernization

- Currently large focus of our R&D
- Interpretation of existing code
- Transition to new application architecture
- Separation of UI and backend code, refactoring of source code

Strategy with Gen AI

- Combination of Windsurf / Cascade / Devin with Proparse and XREF
- Proparse and compiler XREF are deterministic
- MCP Protocol – Model Context Protocol, Tools and Resources
- Improving the interpretation of source code
- Integration of the SmartFramework UI Repository

- Windsurf „Rules“ and “Workflows” for routine tasks
 - Programming rules for source code creation
 - Instructive (natural language) and through example code

Github

- Github (not just Git) seems to be the winner of the SCM tool battle
- Tools like Devin only support Github, Windsurf has some features that require Github
- Consultingwerk moved from Perforce to Github 😞
- Because we're using an exotic programming language – we don't need to make our life harder by using an exotic SCM tool too

Microsoft Devtunnel / NPM/NPX localtunnel

- Offers a secure HTTP/HTTPS tunnel from the cloud onto your developer PC
- Make PASOE accessible to the client
- Integration with inhouse build systems
- Integration with inhouse MCP servers (localtunnel)
- <https://learn.microsoft.com/en-us/azure/developer/dev-tunnels/overview>
- <https://theboroer.github.io/localtunnel-www/>

Lessons learned

- It works with OpenEdge!
 - Choose the right tool for the job
 - Need to accept source code (or parts of it) in the cloud
 - LLM's are typically in the cloud
-
- No need to be a data-scientist to train AI coding assistants! Senior programmers or software-architects can do this!

Lessons learned

- AI tooling changes fast – every second week a new LLM
- AI tooling become fashion ware – expect to change it frequently
- No more sticking around with the same IDE for 20 years (PDSOE)
- CLI based tools also interesting – but only played with them yet
- Different IDE's/Tools for different tasks – or jump on a new horse if the current one gets passed

The role of a programmer is changing

- Describing a solution becomes more important than try-and-error coding
 - AI will fail more likely in completely new structures, new solutions
 - Requires some experience to decide what is a good task for AI
 - Junior programmers challenged by wrong code generated by AI
 - Testing, Code-Review, Refine Requirements
-
- Importance of **natural language** – if you can express the task well enough in English (or German) the AI can implement it for you

The importance of frameworks is increasing

- Frameworks define architecture, standards, best-practices
 - Frameworks define guardrails
 - Frameworks provide code-sample
 - Frameworks reduce code that needs to be generated
 - Frameworks provide tooling that can be integrated
-
- Without Frameworks Gen AI is a great way to produce lots of unmaintainable code fast

Invest in QA tooling

- Unit Tests, many unit tests
- Code quality checks, CABL (SonarSource) or SIG
- Currently upgrading our very outdated Jenkins installation to enable visibility CI-job status in Github pull-requests

Monitor costs

- Devin says it's your new junior programmer - it's on the payroll too
- Thinking about billing models with customers
- Windsurf licenses
- Devin subscription
- OpenAI (Chat GPT) subscription
- Claude (Anthropic) subscription
- Copilot in Office 365, Git Kraken AI, JIRA AI
- Motion

SmartUpdate

Stay Tuned for the Latest News,
Product Updates, and Event Highlights!

Subscribe Now to Consultingwerk's Official Newsletter!

www.consultingwerk.com/newsletter
or marketing@consultingwerk.com

Join Our Next Webinars

- October 9th - Implementing MCP Servers With OpenEdge
- Integrate Chatbots Into OpenEdge Applications
- Using Windsurf IDE As An AI Coding Assistant For OpenEdge

UPCOMING
WEBINARS

Questions



Consultingwerk

software architecture and development