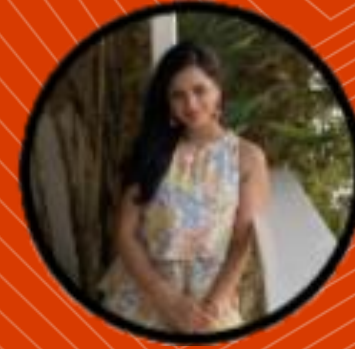


Microsoft Office Add-ins

Community call

- One Outlook
- Outlook Smart Alerts demo
- Blazor with Excel add-in demo



June 8, 2022

Agenda

- One Outlook
- Outlook Smart Alerts demo
- Blazor with Excel add-in demo



Nikita Mittal

Senior Product Manager



Sam Ramon

Technical Writer



Maarten van Stam

MVP Office Add-ins

One Outlook



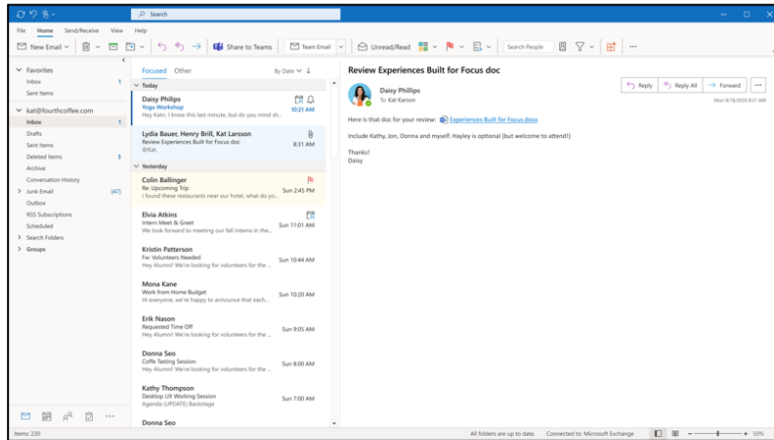
Nikita Mittal: Senior Product Manager

Overview

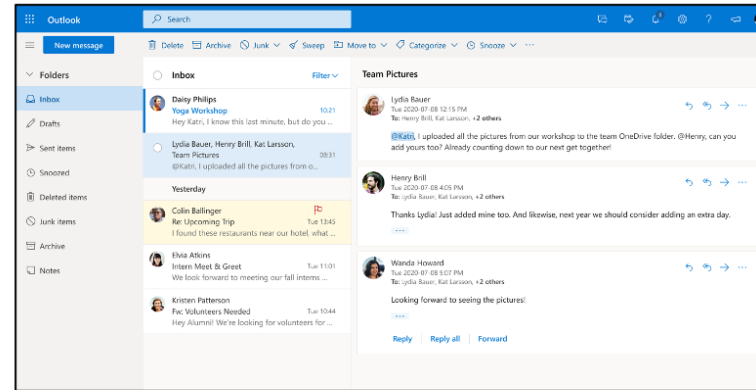
- We are unifying our code base to simplify things for customers and ourselves and increase engineering velocity.
- One Outlook is **OWA code** in a native frame

Different Clients for Outlook Today

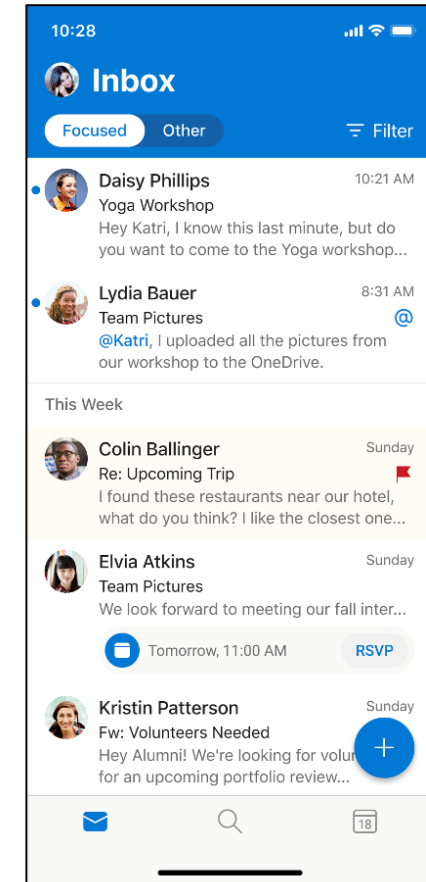
Outlook for Windows



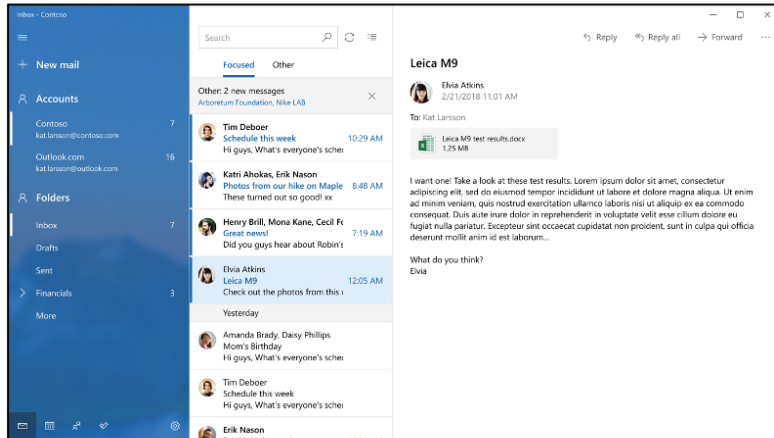
Outlook on the Web



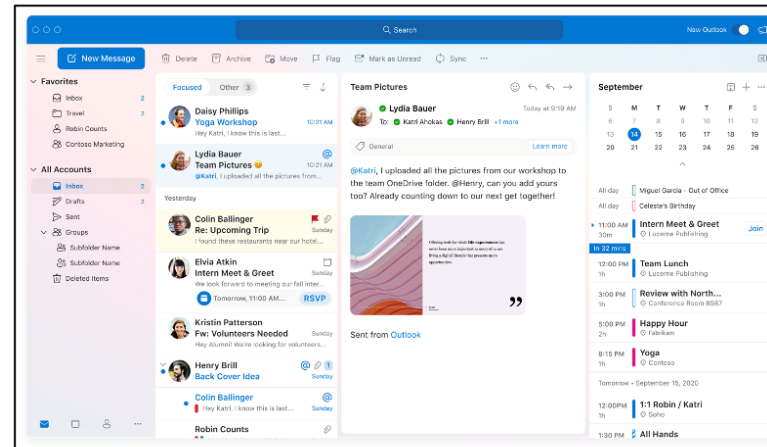
Outlook Mobile



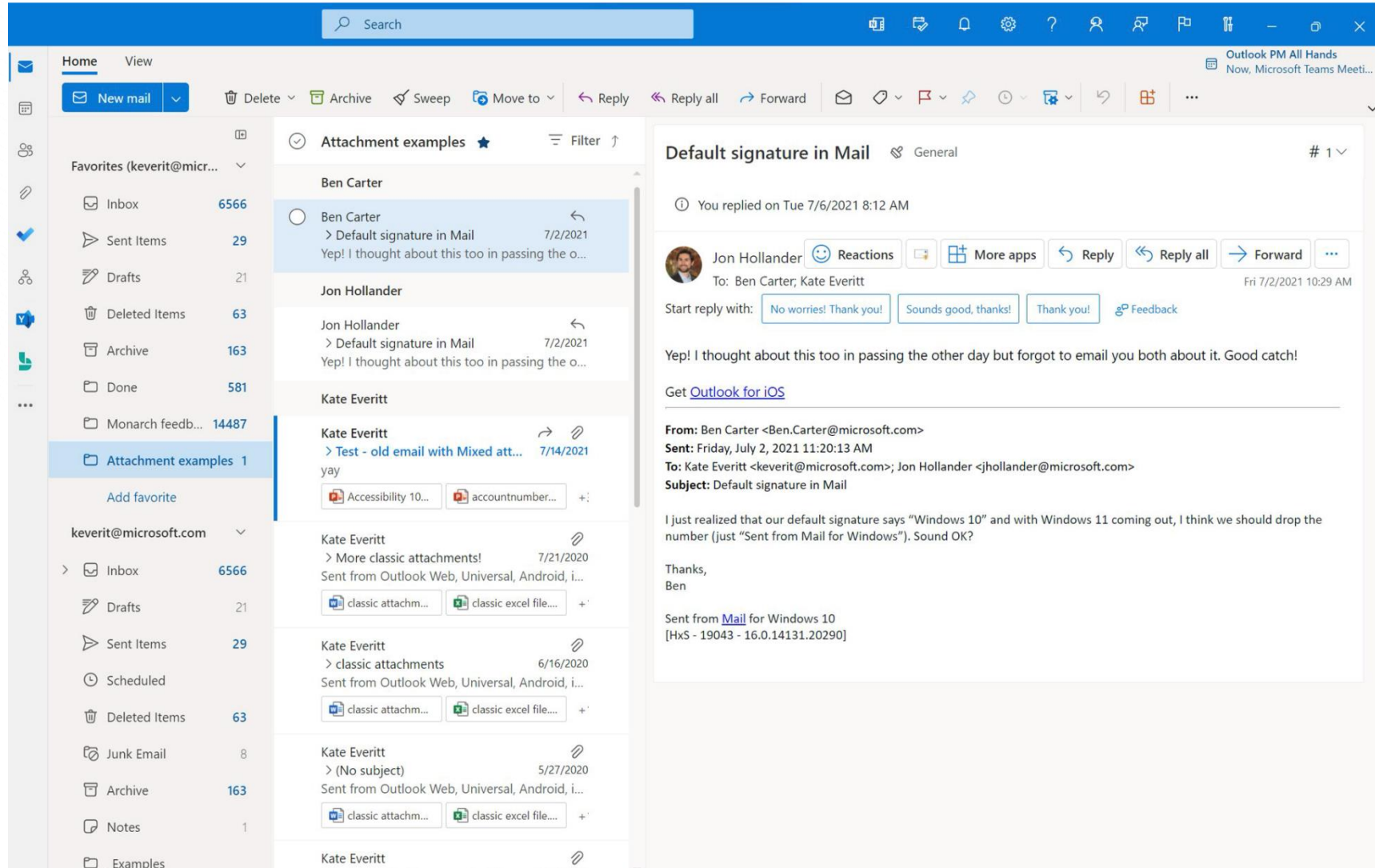
Windows Mail App



Outlook for Mac



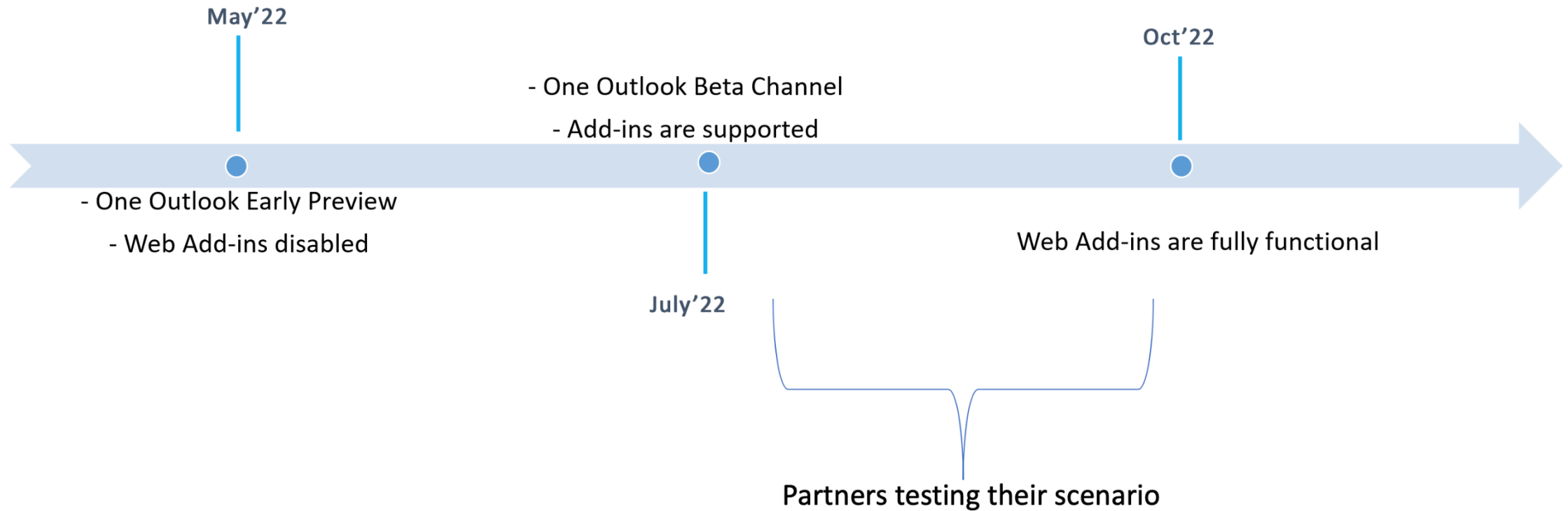
One Outlook



Web Add-Ins on One Outlook

- One Outlook will be available only on Windows right now and we plan to expand it to other platforms soon.
- Web Add-ins will soon be fully supported on the new Outlook for Windows with no additional work required from partners.
- COM Add-ins will not be supported in the new Outlook for Windows. We are actively working to bring Web Add-in capabilities at par with COM Add-ins, so partners can support different scenarios with the web Add-in's advantages of a modern, cross-platform and robust integration.
- Platform gaps will be bridged over time and till then you will have the ability to use the old client if you have COM add-ins. Please share any feedback on scenarios that are not supported for you or your partners through Web Add-ins today.

Tentative Timelines



- **Demo: Outlook Smart Alerts**



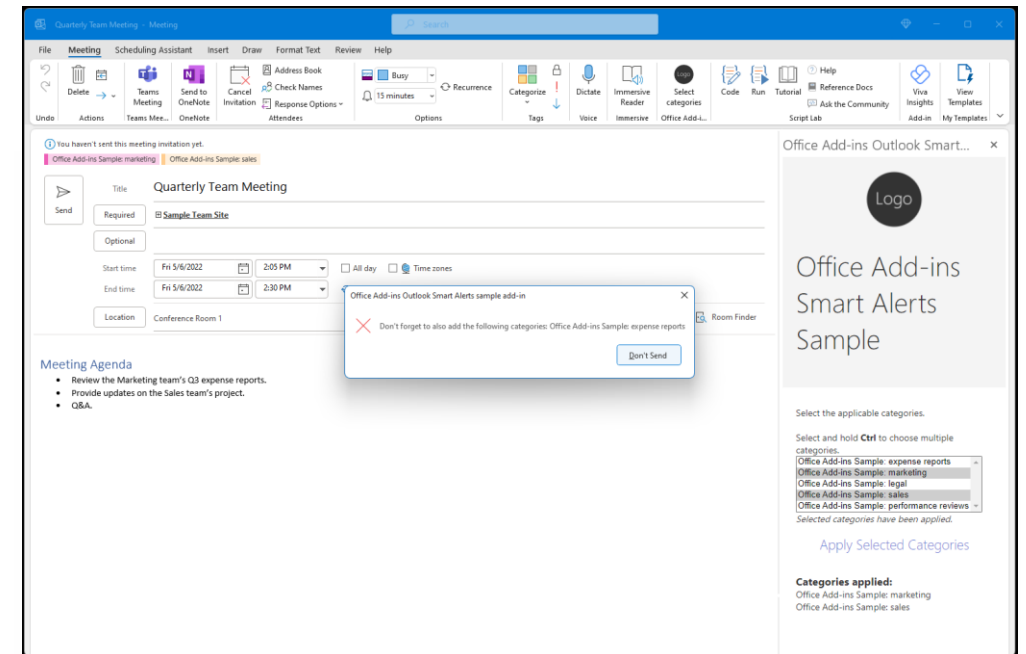
Sam Ramon: Technical Writer

Outlook Smart Alerts

- Event-based activation feature that allows logic to run after a user selects **Send** from an Outlook message or appointment.
- Activated by the **OnMessageSend** and **OnAppointmentSend** events.
- Sample scenarios include:
 - Verifying that the correct signature is used.
 - Verifying that a sensitivity label is applied.
 - Verifying that the correct color categories are applied.
- Feature is currently in preview on Windows.

Outlook Smart Alerts Office Add-ins sample

- Verifies that required color categories are applied to a new message or appointment before it's sent.
- Required categories are based on specific keywords in the message or appointment's subject and body.
- Uses the `SoftBlock SendMode` option for messages and `Block` for appointments.



Sample: <https://github.com/OfficeDev/Office-Add-in-samples/tree/main/Samples/outlook-check-item-categories>

Key parts of the manifest

- Uses the **<LaunchEvents>** element in the manifest.
- **Three SendMode options** available.
 - PromptUser
 - SoftBlock
 - Block

```
<LaunchEvents>
  <LaunchEvent Type="OnNewMessageCompose" FunctionName="onMessageComposeHandler"/>
  <LaunchEvent Type="OnNewAppointmentOrganizer" FunctionName="onAppointmentComposeHandler"/>
  <LaunchEvent Type="OnMessageSend" FunctionName="onMessageSendHandler" SendMode="SoftBlock"/>
  <LaunchEvent Type="OnAppointmentSend" FunctionName="onAppointmentSendHandler" SendMode="Block"/>
</LaunchEvents>
```

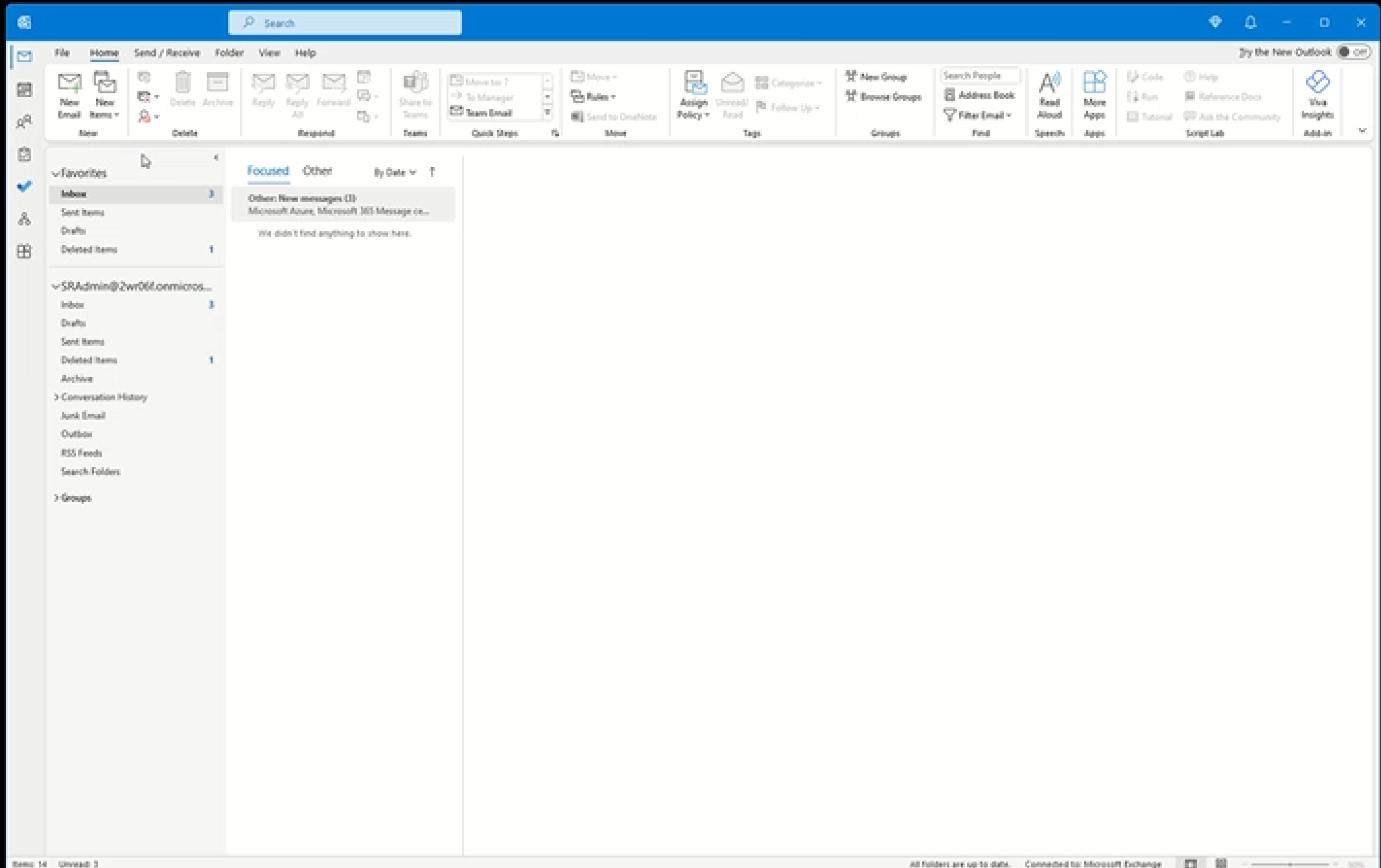
Key parts of the event handler

Uses the **Office.actions.associate** method to register the event handlers.

```
Office.actions.associate("onMessageComposeHandler", onItemComposeHandler);  
Office.actions.associate("onAppointmentComposeHandler", onItemComposeHandler);  
Office.actions.associate("onMessageSendHandler", onItemSendHandler);  
Office.actions.associate("onAppointmentSendHandler", onItemSendHandler);
```

Calls the **event.completed** method to indicate handler code completion.

```
sendEvent.completed({ allowEvent: false, errorMessage: message });
```

Resources



[Use Smart Alerts and the OnMessageSend and OnAppointmentSend events in your Outlook add-in \(preview\)](#)



[LaunchEvent in the manifest file](#)



[Outlook Smart Alerts Office Add-ins sample](#)



[Configure your Outlook add-in for event-based activation](#)

- **Demo: Blazor in Excel add-in**



Maarten van Stam: MVP Office Add-ins

Community spotlight

Thank you!
Maarten van Stam

<https://github.com/OfficeDev/Office-Add-in-samples>

<https://pnp.github.io/recognitionprogram/>



Community panels

Panel	Link
Outlook add-ins	https://ux.microsoft.com/Panel/OutlookAddinDeveloper
Excel add-ins	https://ux.microsoft.com/Panel/ExcelAddinDeveloper
Word add-ins	https://ux.microsoft.com/Panel/WordAddinDeveloper
PowerPoint add-ins	https://ux.microsoft.com/Panel/PowerPointAddinDeveloper
Samples and docs	https://ux.microsoft.com/Panel/OfficeAddinImproveSamplesDocs

Samples and docs panel

June 15th 8am PT (next Wednesday)

Please join us and let us know what you need most from samples for Office Add-ins.

<https://aka.ms/officeaddinsamples-join>

Q&A

Is there a way to create spell-checking add-ins? We are currently trying to create some spellcheckers for small languages not supported officially by Microsoft. Is there a way to include them via office.js on all platforms and applications?

Answer:

This depends on what features you want to support. For example, you can't integrate with the built-in spellchecker to scan as the user types. But you can read document content, spellcheck it, and write document content with corrections. You can create one add-in for Word, Excel, and PowerPoint. For more information on how to configure multiple hosts in the manifest, see [Specify Office applications and API requirements](#). Also take a look at the [Script Lab manifest](#) which supports multiple hosts. You'll need to create a separate add-in for Outlook.

If you need more information please let us know more about your scenario at either <https://aka.ms/office-addins-dev-questions>

[office-js-dev] [office-addins-dev]

- or -

<https://stackoverflow.com>

[office-js] [outlook-web-addins] [office-scripts]

Q&A

What plan is there for additional Events in Excel that will substantially improve its potential as a development platform? For example, Hyperlink clicked, Defined Name changed, Shape on-hover, etc...

Answer:

These Excel events are not on our roadmap. Please let us know more about your scenarios for these events by creating an idea request at <https://aka.ms/m365dev-suggestions>.

Q&A

Any update on improving the Office Add-in Ideas Management system?

Answer:

Yes, we are looking to move to GitHub, but the plan is not finalized. For now please continue submitting ideas at the current site at <https://aka.ms/m365dev-suggestions>. We'll provide an update on the next community call.

New to Office Add-ins?



Documentation

<https://aka.ms/office-add-ins-docs>



Quick starts

[Outlook](#), [Excel](#), [Word](#), [PowerPoint](#)



Script Lab

<https://aka.ms/getscripmlab>



Samples

<https://aka.ms/officeaddinsamples>



Microsoft 365
Developer
Program

<https://aka.ms/M365devprogram>



Office Scripts

aka.ms/office-scripts-docs

Engage with the team

Engagement	Where to go
Technical questions about Office Add-ins	https://aka.ms/office-addins-dev-questions [office-js-dev] [office-addins-dev] https://stackoverflow.com [office-js] [outlook-web-addins] [office-scripts]
Product bugs	https://github.com/OfficeDev/office-js
Feature requests and ideas	https://aka.ms/m365dev-suggestions
Send a Smile or Frown	Inside Office

Microsoft 365 developer community calls

Microsoft 365 platform call (weekly) <https://aka.ms/m365-dev-call>

Adaptive Cards (monthly) <https://aka.ms/adaptivecardscommunitycall>

Microsoft identity platform (monthly) <https://aka.ms/IDDevCommunityCalendar>

Office Add-ins (monthly) <https://aka.ms/officeaddinscommunitycall>

PowerApps (monthly) <https://aka.ms/PowerAppsMonthlyCall>

Microsoft 365 Community (bi-weekly) <https://aka.ms/m365-dev-sig>

SharePoint Framework (bi-weekly) <https://aka.ms/spdev-spfx-call>

All calls and assets: <https://aka.ms/m365pnp>

Thank you

Recording will be available in 24 hours on
Microsoft 365 Community (PnP) YouTube channel

<https://aka.ms/M365PnP/videos>

(subscribe today)

Follow us on Twitter

[@Microsoft365Dev](#) | [@M365PnP](#)

Next call: **July 13th at 8:00 AM Pacific Time**

<https://aka.ms/officeaddinscommunitycall>

Agenda: <https://aka.ms/officeaddinsagenda>

Submit your questions: <https://aka.ms/officeaddinsform>

