

Microsoft EXP Connections

Viva Connections Extensibility Overview



Today's Topics

Viva Connections Dashboard


What kind of experiences

Extensibility capabilities



Viva Connections Dashboard

8:14

 **RELECLOUD**

Dashboard

Feed

Resources

Shifts

Starts in 5 min
Cashiers 8:00AM – 4:00PM.

Clock in

Walkie Talkie

Warehouse
Marie K + 5 more people

Action

Health check

Complete daily before showing up to work

Answer

COVID-19

Stage 2
Mandatory WFH. Employee updates and resources

Metrics

\$45,567.00
Revenue in Redmond branch this week

Details

Perks +

\$315
Balance available in 2020



Relecloud

Activity

Chat

Teams

More

<div>Flight itinerary</div> <div>Departing Tue, May 30, 2017 12:25 PM</div> <div>View</div>	<div>Static Card</div> <div>Food order</div> <div>Order</div>	<div>Activity update</div> <div>1 new update Publish Adaptive Card Schema</div> <div>View</div>	<div>Input form</div> <div>Tell us about yourself</div> <div>Fill out</div>	<div></div> <div>Restaurant Malt & Vine</div>
<div>Sporting Event</div> <div>Sat, Aug 31, 2019 Shades vs Skins</div> <div>View score</div>	<div>Stock update</div> <div>Microsoft Corpora... 128.90</div> <div>More info</div>	<div>Weather</div> <div>Low 32 / High 50</div>	<div>Product video</div> <div>Adaptive Cards</div> <div>Play video</div>	<div>Agenda</div> <div>February 5, 2021 3 events</div> <div>Agenda</div>
<div>Expense report</div> <div>Trip to UAE Pending</div> <div>Review</div>	<div>Flight details</div> <div>Flight to JFK</div> <div>Details</div>	<div>Card wizard</div> <div>Card wizard</div> <div>Submit</div>	<div>URL card</div> <div>Create a card that links to a web page.</div>	<div>Power Apps</div> <div>Microsoft Thrive</div>
<div>TinyPulse</div> <div>Tell us what is going on?</div> <div>Vote</div>	<div>TAR</div> <div>Track your time! Log your work hours every day</div> <div>TimeCard</div>	<div>Starbucks</div> <div>Share the gift of caffeine :)</div> <div>Give a Coworker joy</div>	<div></div> <div>Approvals</div> <div>Approve Work - A new way to multi-task</div> <div>Approve</div>	

Contoso Electronics

SharePoint

Search the site

THE LANDING

Dashboard

See all

COVID check

Answer before showing up to work

Submit

Time off

15 days
Vacation available

Use

StayFit

\$340
Available balance

\$400

Rewards

Nov 30
Stock awards vesting date.

MYSE: \$12 \$49.99

Wellbeing quick poll

Hey Kat, how is work going today?


😊 😐 😞 😡

Dining

Café 34
Menu, hours 9:00 AM - 2:00 PM

Today's menu

Interpersonal communication



Service Now

1 pending
Request for help with connectivity issue

Ticket

Multi-Pro Play

Oct 1
Next payday

See paystub

Holidays

Dec 31
New Year's Eve is a next company-wide holiday

Praise

Give kudos to a teammate

Send kudos


Ask leadership

Have a question for your leadership team?


Ask

Feed

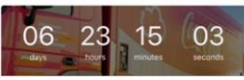
See all



Connect
James Quincey: We have a Clear Strategy for how we want to come out of this crisis.

 Antoine de Gaulle
Aug 27, 2020, 12:30pm
Posted in Leadership Connection
What are we shipping for the holiday season?
Check them out here 🎁🔥🔥

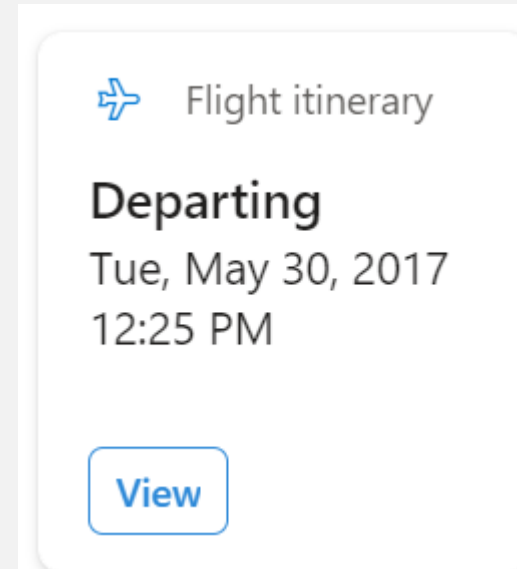
👍 627



Connect
Our success largely depends on supporting customers, suppliers today

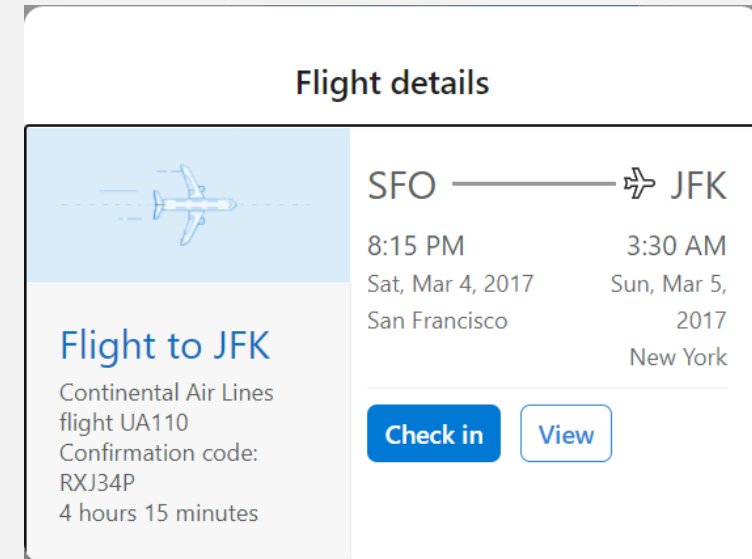
Cards, Quick Look and External View

- A Card is the first experience you have in the dashboard
- Provides a first glance of actionable information to end users
- Required



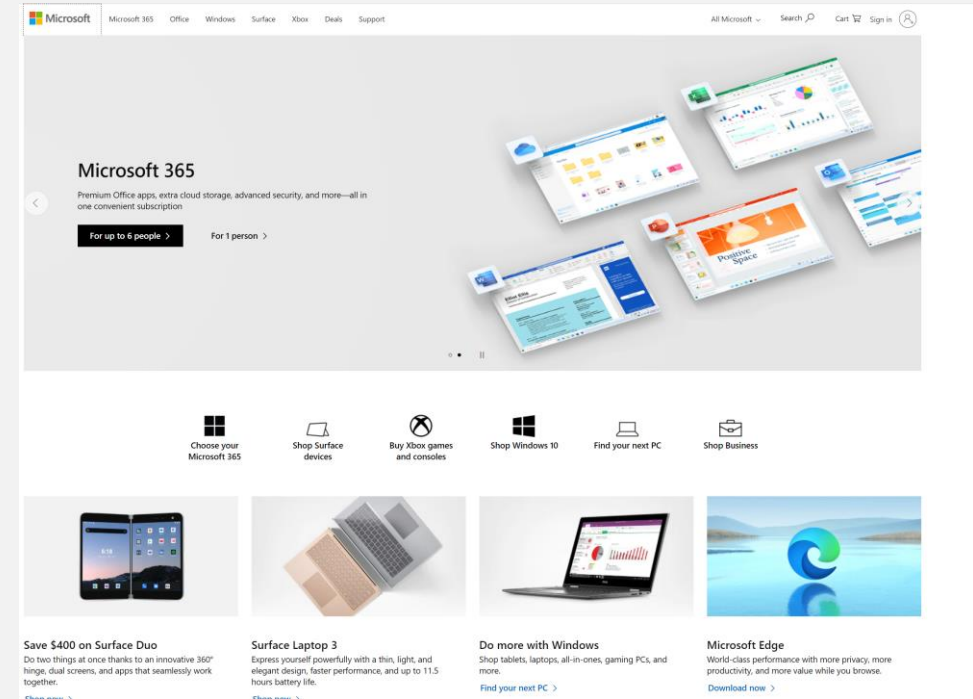
Cards, Quick Look and External View

- A Quick Look is a UX experience that triggers from an action that happened in the card
- Launched by clicking on a button or clicking on the card itself
- Provides additional details or functionality within the dashboard experience
- Optional



Cards, Quick Look and External View

- External Views can be used to provide a full app experience
- Triggered from a Card and/or Quick Look
- Moves the user outside the dashboard context
- Optional



- Natively, we support 3 types of cards:
 - 1st party Teams apps cards
 - 1st party Pages cards
 - ACEs

Adaptive Card Extensions (ACEs)

- New SPFx component type designed to express UX in a dashboard
 - Works both on dashboard as well as modern pages
 - Used by developers to build Cards and Quick Look experiences
 - It is SharePoint Framework: all the goodness provided by SPFx are there
-
- Introduces a clear separation between UX and business logic:
 - UX is **constrained**: no full control of the DOM
 - Uses Adaptive Card framework components
 - That gives us the ability to render the ACE natively on supported clients

Viva Connections - Dashboard - Mobile



Cafeteria



Your registration is almost complete

What type of food do you prefer?



Steak

Chicken

Tofu

How would you like your steak prepared?



Rare



Medium-Rare



Well-done

Any other preparation requests?

OK

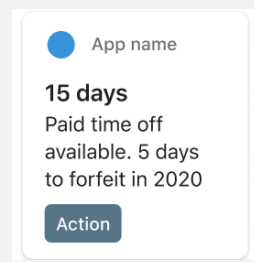
Anatomy of an ACE

- **View:** describes the content of Card or Quick Look state
 - There are predefined templates developers can choose from.
 - This allows developers to focus on data model and lifecycle rather than the user interface

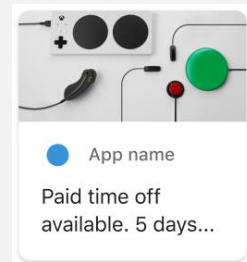
Card Views



BaseBasicCardView

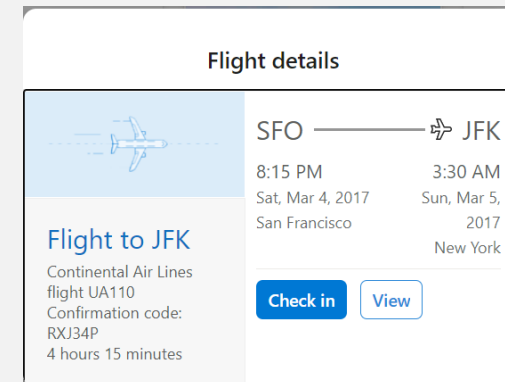


BasePrimaryTextCardView



BaseImageCardView

Quick Look

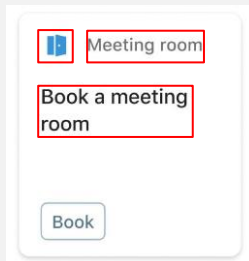


BaseQuickLookView

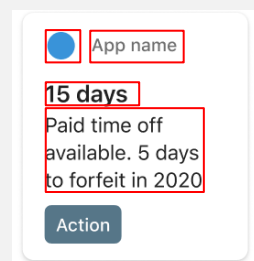
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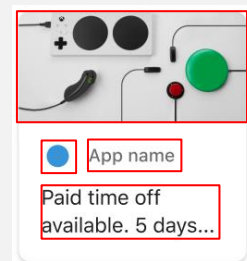
Card Views



BaseBasicCardView

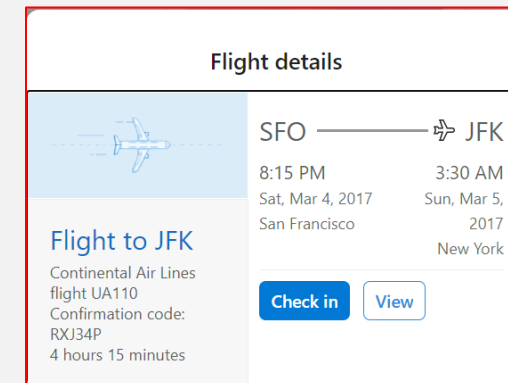


BasePrimaryTextCardView



BaseImageCardView

Quick Look



BaseQuickLookView

- iconProperty
- title
- primaryText
- imageUrl
- description
- get template()

Anatomy of an ACE

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- **State:** represents parts of the app that can change
 - Developers can use `setState()` API to update the state for all views and trigger a re-render the desired view
- **Navigator:** stores/manages views in a stack.
 - Current view that is to be displayed is determined by the card that is at the top of the stack
 - Cards and Quick Looks need to be registered before it is pushed to the navigator stack