Syracuse
Trailblazers
Aug 3
2020

Connecting

Trailblazer Community Groups: Syracuse, NY Developers Group

- How we track membership, schedule meetings and RSVP to upcoming events

Twitter: @syracusedevs

- Posting formal meetups, informal gatherings, retweeting regional events and member activities

Chatter: Syracuse, NY Developers Group

- Conversations and discussions with other group members

Web: SyracuseDevelopers.com

- Links to the above sites, copies of slides/code presented at meetups
- http://SyracuseDevelopers.com/meetings/202008/

Connecting

UPSTATE Dreamin'

Upstate at Home (Virtual Event)

August 26th, 11:00 am EDT

https://trailblazercommunitygroups.com/e/mj8r9w/

trailheadx

Global Gatherings

Trailblazing Together,
Innovating Through Change

Where are you calling in from?

Use the Zoom chat
(we'll use chat later for the swag contests)

Please mute your mic during the presentation

Agenda

- Main Presentation
- Giving Back
- Swag Contest 1
- Discussion
- Swag Contest 2

trailheadx

Mohith Shrivastava

Lead Developer Evangelist
Salesforce

Forward Looking Statement

"Safe harbor" statement under the Private Securities Litigation Reform Act of 1995: This presentation contains forward-looking statements about the company's financial and operating results, which may include expected GAAP and non-GAAP financial and other operating and non-operating results, including revenue, net income, diluted earnings per share, operating cash flow growth, operating margin improvement, expected revenue growth, expected current remaining performance obligation growth, expected tax rates, stock-based compensation expenses, amortization of purchased intangibles, shares outstanding, market growth, environmental, social and governance goals and expected capital allocation, including mergers and acquisitions, capital expenditures and other investments. The achievement or success of the matters covered by such forward-looking statements involves risks, uncertainties and assumptions. If any such risks or uncertainties materialize or if any of the assumptions prove incorrect, the company's results could differ materially from the results expressed or implied by the forward-looking statements it makes.

The risks and uncertainties referred to above include -- but are not limited to -- risks associated with the effect of general economic and market conditions; the impact of geopolitical events, natural disasters and actual or threatened public health emergencies, such as the ongoing Coronavirus pandemic; the impact of foreign currency exchange rate and interest rate fluctuations on our results; our business strategy and our plan to build our business, including our strategy to be the leading provider of enterprise cloud computing applications and platforms; the pace of change and innovation in enterprise cloud computing services; the seasonal nature of our sales cycles; the competitive nature of the market in which we participate; our international expansion strategy; the demands on our personnel and infrastructure resulting from significant growth in our customer base and operations, including as a result of acquisitions; our service performance and security, including the resources and costs required to avoid unanticipated downtime and prevent, detect and remediate potential security breaches; the expenses associated with our data centers and third-party infrastructure providers; additional data center capacity; real estate and office facilities space; our operating results and cash flows; new services and product features, including any efforts to expand our services beyond the CRM market; our strategy of acquiring or making investments in complementary businesses, joint ventures, services, technologies and intellectual property rights; the performance and fair value of our investments in complementary businesses through our strategic investment portfolio; our ability to realize the benefits from strategic partnerships, joint ventures and investments; the impact of future gains or losses from our strategic investment portfolio, including gains or losses from overall market conditions that may affect the publicly traded companies within our strategic investment portfolio; our ability to execute our business plans; our ability to successfully integrate acquired businesses and technologies; our ability to continue to grow unearned revenue and remaining performance obligation; our ability to protect our intellectual property rights; our ability to develop our brands; our reliance on third-party hardware, software and platform providers; our dependency on the development and maintenance of the infrastructure of the Internet; the effect of evolving domestic and foreign government regulations, including those related to the provision of services on the Internet, those related to accessing the Internet, and those addressing data privacy, cross-border data transfers and import and export controls; the valuation of our deferred tax assets and the release of related valuation allowances; the potential availability of additional tax assets in the future; the impact of new accounting pronouncements and tax laws; uncertainties affecting our ability to estimate our tax rate; uncertainties regarding our tax obligations in connection with potential jurisdictional transfers of intellectual property, including the tax rate, the timing of the transfer and the value of such transferred intellectual property; the impact of expensing stock options and other equity awards; the sufficiency of our capital resources; factors related to our outstanding debt, revolving credit facility and loan associated with 50 Fremont; compliance with our debt covenants and lease obligations; current and potential litigation involving us; and the impact of climate change.

Further information on these and other factors that could affect the company's financial results is included in the reports on Forms 10-K, 10-Q and 8-K and in other filings it makes with the Securities and Exchange Commission from time to time. These documents are available on the SEC Filings section of the Investor Information section of the company's website at.

Salesforce.com, inc. assumes no obligation and does not intend to update these forward-looking statements, except as required by law.

INNOVATE FAST

SCALE WITH CONFIDENCE

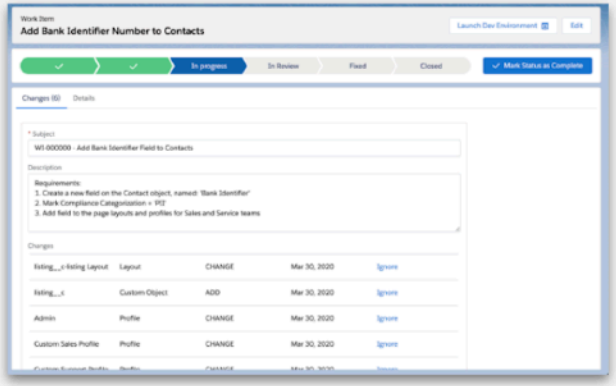
EMPOWER EVERYONE

SNEAK PEEKS

DevOps Center

In Pilot

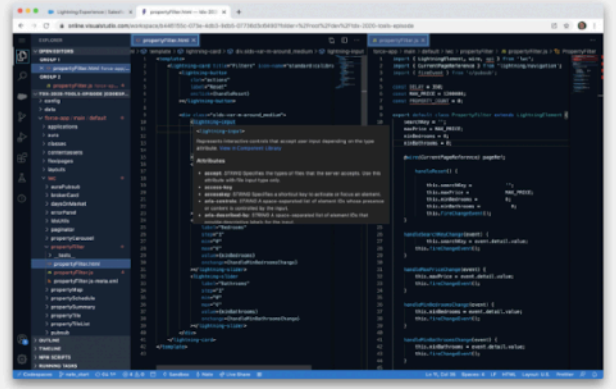
Build against source control, collaborate better with programmatic developers, release apps faster, and do so with modern workflows like continuous integration and delivery. Learn more on admin blog.



Code Builder

In Pilot

A new, web-based dev environment optimized for Salesforce and powered by Microsoft's Visual Studio Codespaces. Read more on the developer blog.



Functions

Closed Dev Preview

A service that lets developers write code that can integrate with their data and events on the Salesforce Platform, and run it on-demand with elastic scale in a serverless environment.

Build Integrated and Scalable Apps Using Salesforce Functions

Developer Channel Highlight from VTDX 2020

Introducing Salesforce Functions

Private Pilot

Quickly build, test and debug Functions locally using the Salesforce Developer Experience (SFDX) tools

Provide seamless access to data in your org and integrate with other low-code and pro-code services

Functions can seamlessly integrate with other declarative (low-code) and programmatic (pro-code) tools on the Platform

Functions deliver engaging experiences with Elastic compute

Automatically scale to meet customer and employee demands

Additional Resources

Take Our Survey

Review the At Home Guide

Want to Sign Up? Apply Here

Find all sessions on the Developer Channel
https://www.salesforce.com/trailheadx

Improving Quality of Life:
Apex Updates to Ship Better Code, Faster

Developer Channel Highlight from VTDX 2020

New Apex features

Introducing Safe Navigation Operator

Coming Soon

Simplify code; no need for explicit null checks

Null checks are implicit with Safe Navigation

Additional Resources

Learn about Visual Studio Code

Transaction Finalizers

Developer defined classes that auto-run when a Queueable completes

Helps in order execution for async code

An elegant way to build promises for flow control and error handling for async work

Find all sessions on the Developer Channel
https://www.salesforce.com/trailheadx

Do More with Less Code Using Salesforce APIs

Developer Channel Highlight from VTDX 2020

New API Enhancements for Doing More with Less Calls

Composite API for building one call with up to 25 subrequests

Composite API Graph for more complicated, complete graphs of related records

How Salesforce is Reducing Friction when using APIs

New API limits and usage-based entitlement for service without interruption

Updated SOQL limits and new FIELDS() Function for better data discoverability

Participate in New API Pilots

New Bulk API v2 Features to handle Row Locking in Pilot

New SOQL FIELDS() Function Pilot

Additional Resources

Postman API Collection

Design with the Right API Trail

API List and When to Use Which

Find all sessions on the Developer Channel
https://www.salesforce.com/trailheadx

Build and Run Trusted Web Apps Anywhere with Lightning Web Stack

Developer Channel Highlight from VTDX 2020

Create trusted, consumer-grade experiences fast

Devs traditionally have to strike the balance between consumer-grade experience with enterprise robustness

Experiences are hard-coded and not portable or reusable

Lightning Web Stack

Modular - Build with web-standards based code and design guidelines

Secure - Innovate fast with enterprise-grade security and performance

Portable - Run trusted web apps wherever your customers or employees are

Additional Resources

NEW Lightning Web Component Trailhead Superbadge

Drive our roadmap by providing comments in our RFC

Find all sessions on the Developer Channel
https://www.salesforce.com/trailheadx

Unlock Developer Productivity with Modern Tooling

Developer Channel Highlight from VTDX 2020

Introducing Code Builder - Develop From Anywhere

New, web-based IDE for Salesforce that runs in the browser

Supports modern dev workflows like CI/CD and source-driven development

Powered by Visual Studio Codespaces for a familiar, consistent experience

New Features & Upgrades for Developer Productivity

Local Development for Mobile with iOS/Android emulators

Major performance improvements to the now open source Salesforce CLI

New, Declarative SOQL Query Builder coming soon

Additional Resources

Developer Blog Post for Code Builder

GitHub Repo for Salesforce Extensions for VS Code

Take the Developer Tools Roadmap Survey

Find all sessions on the Developer Channel
https://www.salesforce.com/trailheadx

Give Back

Trailblazer Mentorship

We rise by lifting others up

Apply here
https://sforce.co/tdx20gg-mentor

Take the #TrailblazingTogether Quest

Complete this trailmix to get a Global Gatherings community badge and enter to win $50 in charitable gift cards.

sforce.co/TrailblazingTogether

** See official rules here: http://trailhead.com/quests*

Swag Contest #1

Up for grabs - a Salesforce Certification Exam Voucher

Good on most $200 or $400 exams

Must use by 7/14/2021

In fairness to all, please refrain if you've received a voucher in the last 30 days.

Using the Zoom chat button, type in your answer. Whoever answers correctly first wins.

Swag Contest #1

Example Question:

Put the following events in chronological order.

A - Signing of the U.S. Declaration of Independence

B - Fall of the Roman Empire

C - Man walks on the moon

D - The Great Pyramid of Giza is built

Correct Answer: D B A C

Swag Contest #1

In Summer 20, the Order of Executions changed slightly.

Put the following in the correct order of execution

A - Before Triggers

B - After Triggers

C - Flows that make before-save updates

D - User Defined Validation Rules

E - Workflow Rules

F - Assignment Rules

G - System Validation Rules

Swag Contest #1

In Summer 20, the Order of Executions changed slightly.

Put the following in the correct order of execution

G - System Validation Rules

C - Flows that make before-save updates

A - Before Triggers

D - User Defined Validation Rules

B - After Triggers

F - Assignment Rules

E - Workflow Rules

Correct Answer: G C A D B F E

Discussion

Let’s talk about:

- TDX
- Building on the Salesforce platform
- Cool stuff you’ve done
- Speculate about Dreamforce

Swag Contest #2

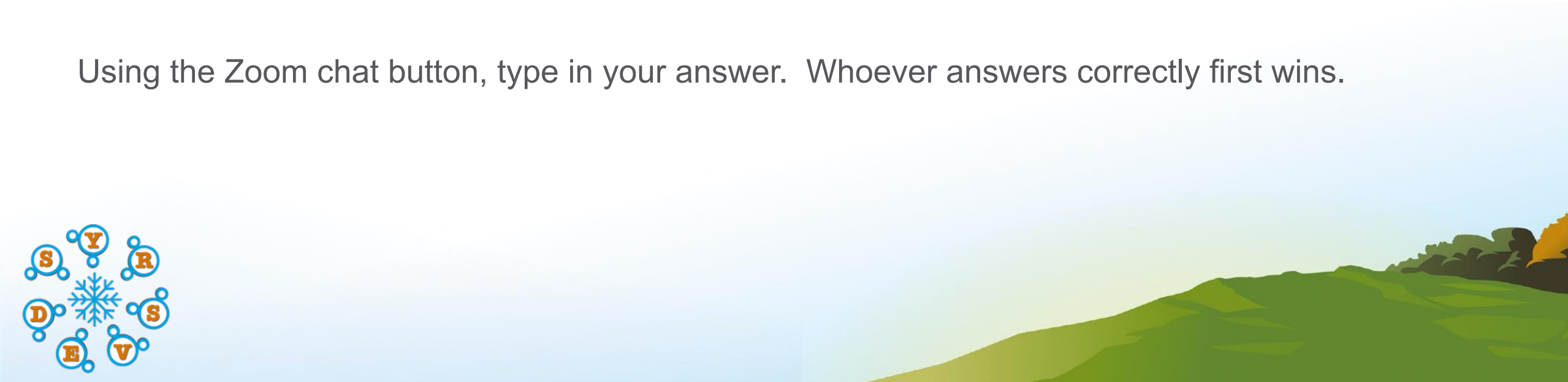
Up for grabs - a Salesforce Certification Exam Voucher

Good on most $200 or $400 exams

Must use by 7/14/2021

In fairness to all, please refrain if you've received a voucher in the last 30 days.

Using the Zoom chat button, type in your answer. Whoever answers correctly first wins.



Swag Contest #2

Put the following lakes in size order, from Smallest to Largest

A - Lake Huron

B - Lake Michigan

C - Lake Ontario

D - Lake Superior

E - Lake Erie

Swag Contest #2

Put the following lakes in size order, from Smallest to Largest

A - Lake Huron - 850 mi^3 / 3500 km^3

B - Lake Michigan - 1180 mi^3 / 4900 km^3

C - Lake Ontario - 393 mi^3 / 1640 km^3

D - Lake Superior - 2900 mi^3 / 12000 km^3

E - Lake Erie - 116 mi^3 / 480 km^3

Correct Answer: E C A B D

THANK YOU

Upstate at Home (Virtual Event)

August 26th, 11:00 am EDT

https://trailblazercommunitygroups.com/e/mj8r9w/