

Ask the Expert: Integration Development + Flow Q&A Session

Regan Knepp, Community Events & User Groups Lead, Boomi

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Upcoming Events

November:

● Higher Education User Group Meetup

Date: November 13 2024, 1:00pm [EST](#)

Registration: Please Register [here](#)

Agenda: Join us as we meet for our monthly virtual Higher Education User Group!

● Boomi Integration 101

Date: November 21, 2024, 11:30am [EST](#)

Registration: Please Register [here](#)

Agenda: Join us for a comprehensive integration session. We'll guide you through each step to ensure a successful integration. Learn how to transform requirements into a functional integration, conduct effective testing, and deploy it correctly. Whether you're a beginner or in need of a refresher, this session is perfect for you!

December:

● Higher Education User Group Meetup

Date: December 11, 2024, 1:00pm [EST](#)

Registration: Please Register [here](#)

Agenda: Join us as we meet for our monthly virtual Higher Education User Group!

● Developer: Document Flow

Date: December 12, 2024, 11:30am [EST](#)

Registration: Please Register [here](#)

Agenda: What is a Boomi Document? Exactly how does it flow through the shapes in my process? By the end of this session, you'll be able to predict your document looping and flow, no crystal ball required!

<https://usergroups.boomi.com/>



Ruairi Fullam

Integration and Flow Consultant, Boomi

- Started in Boomi PSO EMEA in October 2020.
- PSO Engineer specializing in Flow and Integrate.
- Delivered over 20 Integration Jumpstarts.
- Background in System Administration and Web Development.
- Hobbies include event organization, electronics restoration/repair and music production.

Questions



QUESTION

Can you give an short overview of Boomi Flow and what's coming in the future for Flow?



Boomi Flow

“Boomi Flow is a low-code development platform that enables users to create workflow applications and automate business processes. It is designed to help organizations build and deploy applications quickly by providing visual tools for designing workflows, decision paths, and data integration.

Boomi Flow is particularly useful for creating applications that require human interaction and approvals, such as customer onboarding, order processing, employee management, and other business process automation needs.”

QUESTION

In Boomi Flow, apart from HTML widget can other widgets accept HTML?



Using HTML with Flow

Flow supports using HTML in the **Step** map element and **Presentation** page component.

Do note that the HTML is sanitised to reduce risk for security issues.

If you need to extend the functionality of Boomi Flow beyond the Step and Presentation components, you can create custom page components using React and Javascript.

QUESTION

What are the areas that need to be checked if actions are not visible while creating an integration connection in Flow?

Missing Integration Actions in Flow

- Ensure the Flow Service component is properly deployed in Integration. This is a separate deployment which references the related integration processes.
- Verify the correct URL construction for the Flow Service, including the **Base URL** of the **Atom Shared Web Server**.
- Confirm the authentication settings are set to **Basic** on the **Atom Shared Web Server**.
- Check that the username and token credentials match those inputted when installing or updating the Flow service.
- Make sure the Integration process has a **Flow Services Server** start shape with defined **Message Actions**.
- Allow a few minutes for changes to take effect after successful deployment in Integration.
- Make sure the request and response profiles are well formed, following the proper conventions.
- Set up a second Flow Services Server to assist with debugging.

QUESTION

How do we develop effective functions in mapping? How we can use lookup in it?

Effective Functions in Mapping

Map Functions are useful to keep as components. Scripting can help reduce the weight of a custom map function.

Mapping supports lookups using **SQL**, **Cross Reference Lookup** (using the component), **Simple Lookup** (embedded in the map) and **Document Cache** lookup.

All are effective but dependent on the use case.

A **Simple Lookup** is useful for basic mappings like converting 0 to false, 1 to true etc.

Document Cache is great if you have the related data to hand, but has the compromise of bloating the process document count.

Cross Reference is a related versioned and extendable component that can be overridden in **Extensions** without needing to redeploy.

Using **Scripting** can be useful if you can store a “mini” reference table in a **Dynamic Process Property**. Boomi AI can be helpful generating the code to enable this.

QUESTIONS

1. How to make a customized player as a default player for the flow?
2. How to update the Text area component value on tile selection?
3. How to show image in tile?

Above question is related to Boomi Flow

Three Flow Questions

How to make a customized player as a default player for the flow?

The default player is fixed, but you can use a custom player by using the appropriate URL when the Flow is published, where you will see your custom player in the address:

`https://us.flow-prod.boomi.com/<uuid>/play/theme/ default?flow-id=<uuid>`

How to update the Text Area component value on tile selection?

Your tiles will be stored as a **List** of **Objects**. Make sure to save your component state into an **Object** matching the Type used in the **List**. You can reference this value directly in the **Text Area** component, or use an Operator to copy it to another value if preferred.

How to show image in tile?

Flow doesn't natively support this but you can do this in custom player code CSS using **.tile:nth-child(x)** and setting the **background-image** to an image URL.

Questions



THANK YOU!!

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