



Wizard Session Attachments

They never said They were a MIME





Agenda

- **Multi Part Bodies**
- **Attachments Ye Olde Way**
- **OnMultipartSend**
- **Graph API**
- **Putting It All Together**

MIME

- **Multipurpose Internet Mail Extensions**
 - **Email**
- **How do we put more than one thing in a text document?**
- **Studio Mediation Context**
 - **Parts[0]**
- **Content-Type**
 - **Multipart/form-data**

What does it look like?

```
Content-Type: multipart/form-data; boundary=boundaryStringProbablySomeHash

--boundaryStringProbablySomeHash
Content-Disposition: form-data; name="data";
{
  "file": "cid:filedata",
  "topicDescription": "Needs More CowBell",
  "topicResolution": "More Cowbell Applied",
  "tags": [{"id": "GBxAPDQ0PEA8QDw8QDxANEBANDhANDw8"}]
}

--boundaryStringProbablySomeHash

Content-Disposition: form-data; name="filedata"; filename="img.jpg"
Content-Type: image/jpeg
/9j/4AAQSkZJRgABAQAAQABAAD/2wCEAAkGBxAPDQ0PEA8QDw8QDxANEBANDhANDw8NFRIWFhUSFxUYHSggC
```

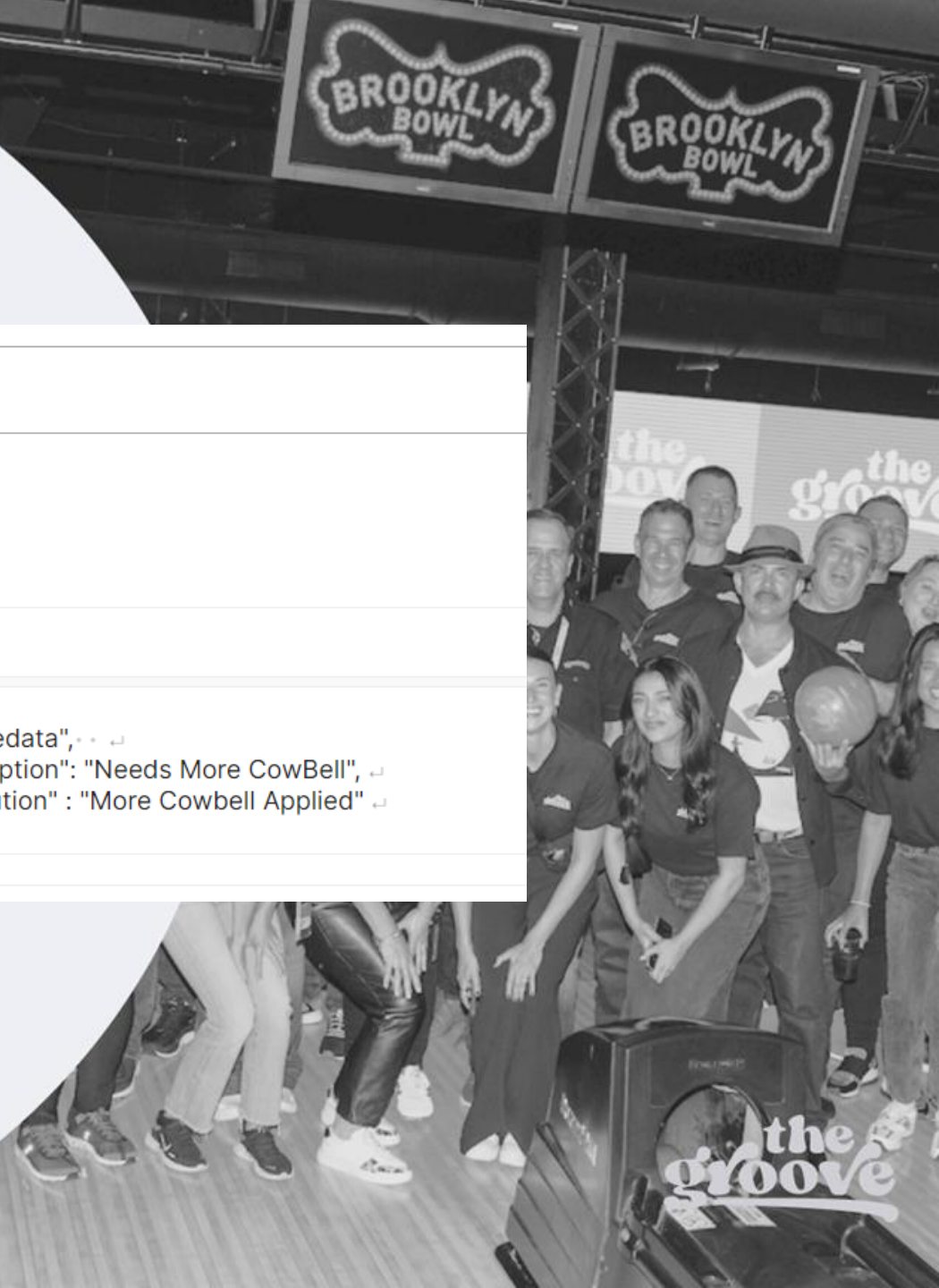
What does it look like?

POST ▼ https://api.workday.com/apps/tws_attachments_nkhlsq/v1/knowledgeBases

Params Authorization ● Headers (10) Body ● Scripts Tests Settings

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

	Key		Value
<input checked="" type="checkbox"/>	data	Text ▼	{
<input checked="" type="checkbox"/>	filedata	File ▼ "file": "cid:filedata",
		 "topicDescription": "Needs More CowBell",
		 "topicResolution" : "More Cowbell Applied"
	Key	Text ▼	}





Ye Olde School

We do it ourselves

```
[  
  {  
    "type": "hidden",  
    "value": "cid:filedata",  
    "valueOutBinding": "uploadKnowledge:data:file"  
  },  
  {  
    "type": "fileUploader",  
    "id": "attachmentContent",  
    "fileTypes": "png,jpeg,jpg,pdf,doc",  
    "valueOutBinding": "uploadKnowledge:filedata",  
    "label": "Attachment Content",  
    "singular": true  
  }  
]
```

Graph API

Why Graph?

- Exception
- Cleaner Interface
- Build with CoPilot



onMultiPartSend

Templates

All your Knowledge Bases Are Belong To Us

File Attachments

Drop files here

or

Select files

- Templates feel backwards for most users
- Keeps the file and the metadata together
- Grid indexes can get out of sync
- It's a Map

Flow

- Build the fileUploader
- Build the template
- Build the metadata

THEN!

Build the onMultipartSend



onMultipartSend

- Loop through each file
- Find the template
- Put the metadata values into the JSON

onMultipartSend

```
onMultipartSend: "<%  
  
//Loop through each of the files in the fileUploader and pull out the metaData into the body  
//Each file will get a separate invocation, but the outbound endpoint will only be invoked once: batch power!  
let fileIndex =0;  
for (let file : self.data.metadata.knowledgeBases) {  
    file.topicDescription = attachmentData.children[fileIndex].contentArea[0].value;  
    file.topicResolution = attachmentData.children[fileIndex].contentArea[1].value;  
  
    fileIndex=fileIndex+1;  
}  
return self.data; %>"
```