**Podio/Todoist**

**Overview**

Write an integration to add new Todoist task when a Podio task is created. Then when the task is marked completed in Todoist, it is also marked completed in Podio.

Todoist API Documentation: <https://developer.todoist.com/>

Podio API Documentation: <https://developers.podio.com>

**Workflow:**

1. Trigger Globiflow upon item create in Podio App: Alta Equities/Operations/Tasks
2. User receives notification that new task has been assigned as shown in Operations/Tasks **Flow: Create: Notify Assignee (ID:354408)**
3. GF sends webhook to hosted php script
4. PHP script parses information and sends to Todoist
5. Todoist creates a new task and/or new project based on below criteria
6. When task is marked completed in Todoist, webhook sends information back to to php script for parsing, then to Globiflow
7. Globiflow receives webhook with completion information and searches by app item ID to mark task “Completed”

**Additional Notes:**

* **Mapping Rules:**
  + If task is related to workspace Financial - put task in Project “Relationships”
* if street name in custom app is empty then put task in TEAM INBOX
* if street name is not empty & matching TODOist project found, then put task in that MATCHING PROJECT
* if street name is not empty & matching TODOist project not found then CREATE PROJECT first and put task in it
  + New created Todoist project would automatically share with the 3 users with James as owner
* Map the fields including due date, due time & assignee and default a reminder to 1 hour before project is due to assignee's default reminder
  + please account for time changes and global location so they are correct
* Upon task completion in Todoist - corresponding task in Podio is marked complete
* include link to Podio item in Todoist Task Description
* include Podio itemID in Todoist Task Description
* **Assign task labels in Todoist:**
  + All tasks to have label “podio”
  + tasks from workspace “Loans” to have label “**loans**”
  + tasks from workspace “Operations” to have label “**ops**”
  + tasks from workspace “Property Leads” to have label “**leads**”
  + tasks from workspace “Properties” to have label “**flips**”
  + tasks from workspace “Financial” to have label “**investor**”

**Map Fields As Follow, Task assignees are mapped to Podio WS: Operations/Team**

|  |  |  |
| --- | --- | --- |
| **User** | **Podio [External ID]** | **Todoist [User ID]** |
| James | 548192245 | james@altaequities.com [3185523] |
| Miraz | 548194181 | miraz@altaequities.com [7429521] |
| Ashleigh | 548200560 | ashleigh@altaequities.com [8823103] |

**Mapping for Podio Workspaces to EXISTING Todoist Projects:**

|  |  |  |
| --- | --- | --- |
| **Podio WS** | **TD Project** | **TD Labels** |
| Loans | [Street Name] | podio, loans |
| Property Leads | [Street Name] | podio, leads |
| Properties | [Street Name] | podio, flips |
| Operations | Operations | podio, ops |
| Financial | Relationships | podio, investor |
|  |  |  |

**If Creating New Project, Map Todoist Project As Follows [ref James Bowie TD account]:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Podio Workspace** | **Podio App** | **TD Project 1 [ID]** | **TD Project 2 [ID]** | **Indent** |
| Loans | Leads | Loans [194650375] | Loan Potentials [194602963] | 3 |
| Loans | Property Details | Loans [194650375] | Loan Potentials [194602963] | 3 |
| Loans | Proposals | Loans [194650375] | Loan Potentials [194602963] | 3 |
| Loans | Loans | Loans [194650375] | Servicing [177151190] | 3 |
| Loans | Servicing | Loans [194650375] | Servicing [177151190] | 3 |
| Loans | ALL ELSE | Team Inbox |  | 1 |
| Property Leads | Leads | Properties [177152760] |  |  |

**Todoist API Syntax**

$ curl <https://todoist.com/API/v7/sync> \

// ============= STREET NAME != null && PROJECT DOES NOT EXIST =============

    -d token=[sample token] \

    -d commands='[{"type": "project\_add", "temp\_id": "381e601f-0ef3-4ed6-bf95-58f896d1a314", "uuid": "ed1ce597-e4c7-4a88-ba48-e048d827c067", "args":

    {

    "name": "[Podio Street Name]",

    "item\_order": 1,

    "indent": 2,

    "color": 1

    }}]'

{

  "sync\_token": "[sample token]",

  "sync\_status": {"ed1ce597-e4c7-4a88-ba48-e048d827c067": "ok"},

  "temp\_id\_mapping": {"381e601f-0ef3-4ed6-bf95-58f896d1a314": 128501470}

}

// ============= STREET NAME != null && PROJECT DOES EXIST =============

    -d token=[sample token] \

    -d commands='[{"type": "item\_add", "temp\_id": "43f7ed23-a038-46b5-b2c9-4abda9097ffa", "uuid": "997d4b43-55f1-48a9-9e66-de5785dfd69b", "args": {"content": "Task1", "project\_id": 128501470}}]'

{ ...

  "sync\_status": {"997d4b43-55f1-48a9-9e66-de5785dfd69b": "ok"},

  "temp\_id\_mapping": {"43f7ed23-a038-46b5-b2c9-4abda9097ffa": 33548400},

  ... }

{

  "user\_id": [(Podio Ref) Assigned to TMID],

  "project\_id": "[Podio Street Name]",

  "content": "[Podio Task Field]",

  "date\_string": "[Podio Due Date]",

  "date\_lang": "en",

  "due\_date\_utc": "[Podio Due Date]",

  "indent": 1,

  "priority": 1,

  "item\_order": 1,

  "labels": [@podio],

  "responsible\_uid": null,

  "checked": 0,

  "in\_history": 0,

  "is\_deleted": 0,

  "is\_archived": 0,

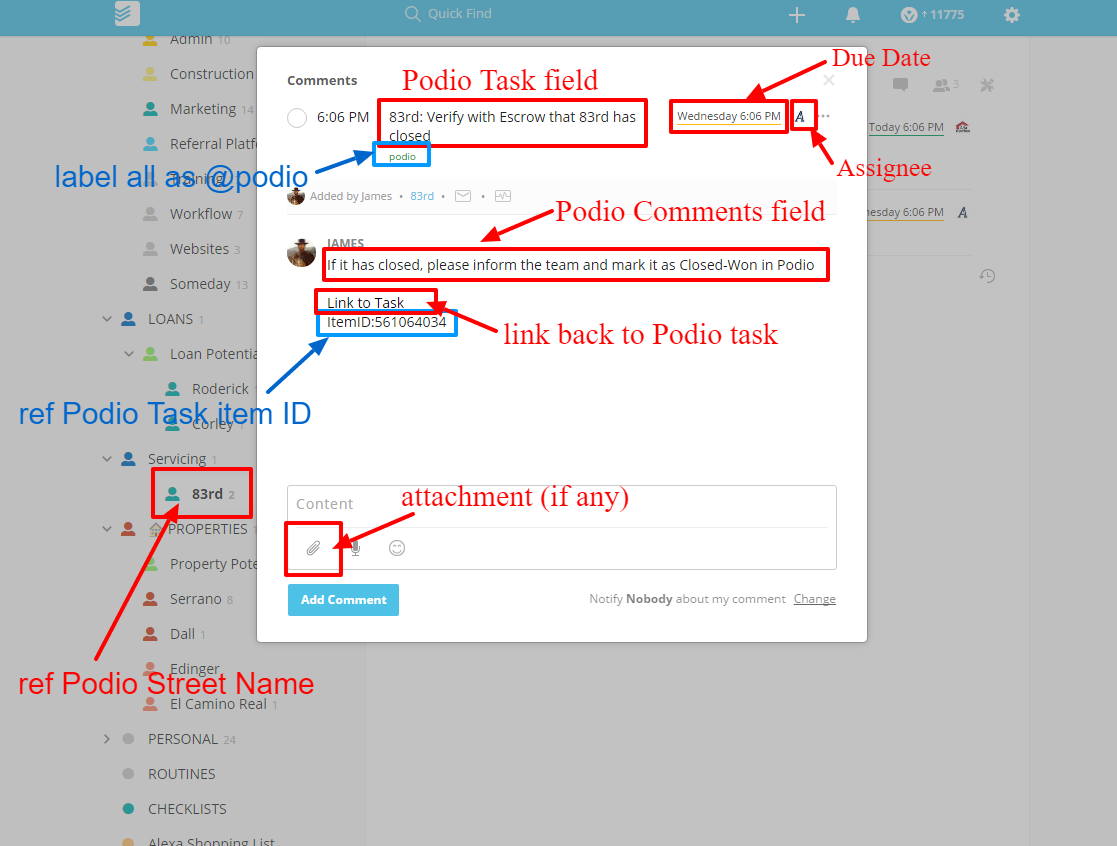
  "sync\_id": null,

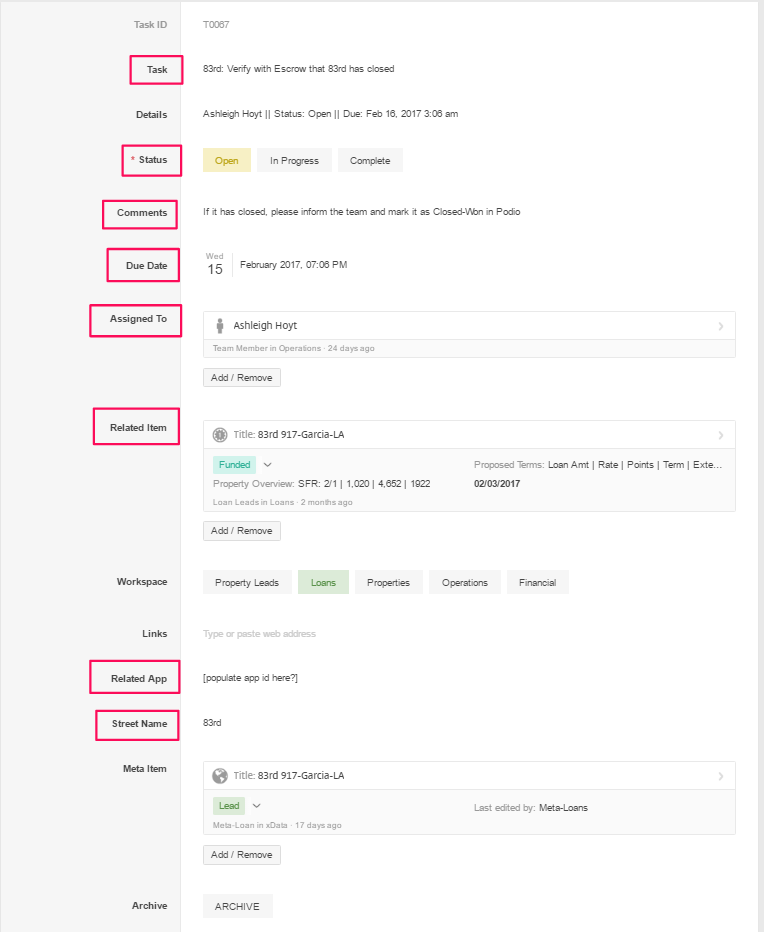
  "date\_added": "Fri 26 Sep 2014 08:25:05 +0000"

}

* 

**Screenshots for Reference:**





// ============= STREET NAME != “” && PROJECT DOES NOT EXIST=============

$ curl <https://todoist.com/API/v7/sync> \

    -d token=0123456789abcdef0123456789abcdef01234567 \

    -d commands='[{"type": "project\_add", "temp\_id": "381e601f-0ef3-4ed6-bf95-58f896d1a314", "uuid": "ed1ce597-e4c7-4a88-ba48-e048d827c067", "args": {"name": "Project1", "item\_order": 1, "indent": 1, "color": 1}}]'

{

  "sync\_token": "JLlaPv840mDQK4PLl6-hmjYMbP2h\_RHsfPmIXuqmJI\_zRiQHFww9olfDvSSpw74nrdvS",

  "sync\_status": {"ed1ce597-e4c7-4a88-ba48-e048d827c067": "ok"},

  "temp\_id\_mapping": {"381e601f-0ef3-4ed6-bf95-58f896d1a314": 128501470}

}