



Activities ▾



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UiPath Activities

FireStart can be easily integrated with UiPath. On the one hand, you can interact with Firestart Workflows from UiPath, via the Start Workflow and Trigger Intermediate Event Activity, and on the other hand you can also start UiPath Jobs via the StartJob or Queue Item Activity from a FireStart workflow.

UiPath Start Job Activity


With this activity, you can start a job in UiPath Orchestrator. To get the login details (account/tenant logical name, client id and user key) you have to activate the API access in Orchestrator. Once the login details are provided, the dropdowns for process and robot are automatically filled. The arguments for the new job are passed as key value pairs and can be added or deleted with the + and x buttons.

Once the job has been started successfully, the id of the new job is returned back.



Activity (Start Job)
 This activity is used to start a job in UiPath.

Input data:


Account logical name:
 <Workflow Variables.accountLogicalName>

Bound 


 Tenant logical name:
 <Workflow Variables.tenantLogicalName>

Bound 


Client id:
 <Workflow Variables.clientId>

Bound 


User key:
 <Workflow Variables.userKey>

Bound 







Process:
 Keyword_Search_in_Mailbox_DemoEnvironment




Robot:
 DEMO





Input arguments:


Argument name:	Argument value:
ArgumentA 	Test value 1  
ArgumentB 	Test value 2  




Output data:
 Job id:
 Workflow Variables.jobId


 Business Entity Fields


 Validate


 OK


 Cancel

Parameters

Name	Usage	Description
Account logical name	Required	Found in Orchestrator when activating the API access.
Tenant logical name	Required	Found in Orchestrator when activating the API access.
Client id	Required	Found in Orchestrator when activating the API access.
User key	Required	Found in Orchestrator when activating the API access.
Process	Required	The process of which a new job should be started. Note: If a variable is used here (out of a Business Entity), be sure, the release key of the process is provided here The robot that should run the new job.
Robot	Required	Note: If a variable is used here (out of a Business Entity), be sure, the Id of the robot is provided here These are the input arguments with which the new job will be started.
Arguments		

Name	Usage	Description
Job Id		This is the id of the newly started job.

UiPath Queue Item

With this activity you can add a queue item in an UiPath Orchestrator queue. To get the login details (account/tenant logical name, client id and user key) you have to activate the API access in Orchestrator. Once the login details are provided you have to provide the queue name. The arguments for the new queue item are passed as key value pairs and can be added or deleted with the + and x buttons.

Once the queue item has been created successfully, the id of the new queue item is returned back.

Activity (Add Queue Item)
This activity is used to start a job in UiPath.

Input data:

Account logical name:
Workflow Variables.accountLogicalName Bound

Tenant logical name:
Workflow Variables.tenantLogicalName Bound

Client id:
Workflow Variables.clientId Bound

User key:
Workflow Variables.userKey Bound

Queue name:
Workflow Variables.queueName Bound

Input arguments:

Argument name	Argument value
ArgumentA	Test value 1
ArgumentB	Test value 2

+ (Add button)

Output data:
Queue item id: Workflow Variables.queueItemId

Business Entity Fields Validate OK Cancel

Parameters

Name	Usage	Description
Account logical name	Required	Found in Orchestrator when activating the API access.
Tenant logical name	Required	Found in Orchestrator when activating the API access.

Name	Usage	Description
Client id	Required	Found in Orchestrator when activating the API access.
User key	Required	Found in Orchestrator when activating the API access.
Queue name	Required	The name of the Queue, where the new item should be created
Arguments		These are the input arguments with which the new queue item will be started.
Queue item Id		This is the id of the newly created queue item

UiPath: Start FireStart Workflow

This activity is available via the [UiPath Marketplace](#) and has to be installed on UiPath.

With this activity you can start a new FireStart workflow. The input parameters for the new workflow are passed as key value pairs in a dictionary <string, string>.

Once the workflow has been started successfully the id of the new workflow is returned back.

The screenshot shows the 'Properties' window for the 'FireStart.StartWorkflowActivity'. The window is divided into four main sections: Common, Input, Misc, and Output. Each section contains a list of properties and their values.

Section	Property	Value
Common	DisplayName	Start workflow activity
	InputParameters	inputDictionary
Input	Port	port
	Server	server
	StartElementId	startElementId
	Token	apiToken
	AllowUntrusted	True
Misc	Private	<input type="checkbox"/>
	Timeout	Enter a VB expression
	Output	executionId

Parameters

Name	Type	Usage	Description
Server	string	Required	The name of the FireStart server.
Port	int	Required	The port of the FireStart server.
Token	string	Required	The token that is used to authenticate with the FireStart server.

Name	Type	Usage	Description
Start element id	Guid	Required	The tracking id of the start element of the FireStart process that should be started. Can be found in the property panel when clicking on a start element or when configuring the event.
Input parameters	Dictionary<string, string>		These are the input parameters with which the new workflow will be started. They are passed as Dictionary<string, string>. The key is the name of the field (BE field) that should be filled in the workflow.
Allow untrusted	bool		If this parameter is true, the SSL validation will be disabled, and invalid certificates can be used.
Timeout	TimeSpan		This parameter overrides the default timeout for sending the request to the FireStart server
Execution id	Guid		This is the id of the newly started workflow.

UiPath: Trigger FireStart Intermediate Event

This activity is available via the [UiPath Marketplace](#) and has to be installed on UiPath.

With this activity you can trigger an event in a FireStart workflow. The input parameters for the new workflow are passed as key value pairs in a dictionary <string, string>.

Properties FireStart.TriggerIntermediateEventActivity

Common

DisplayName Trigger intermediate event activity

Input

ExecutionId executionId

InputParameters inputDictionary

Port port

Server server

StartElementId startElementId

Token apiToken

Misc

AllowUntrusted True

Private ☐

Timeout Enter a VB expression

Parameters

Name	Type	Usage	Description
Server	string	Required	The name of the FireStart server.
Port	int	Required	The port of the FireStart server.
Token	string	Required	The token that is used to authenticate with the FireStart server.
Execution id	Guid	Required	The tracking id of the event element that should be triggered. Can be found in the property panel when clicking on the event element or when configuring the event.
Input parameters	Dictionary<string, string>		These are the input parameters with which the new workflow will be started. They are passed as Dictionary<string, string>. The key is the name of the field (BE field) that should be filled in the workflow.
Allow untrusted	bool		If this parameter is true the SSL validation will be disabled and invalid certificates can be used.
Timeout	TimeSpan		This parameter overrides the default timeout for sending the request to the FireStart server