

Boomi →

Building Integration



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CloudBlue

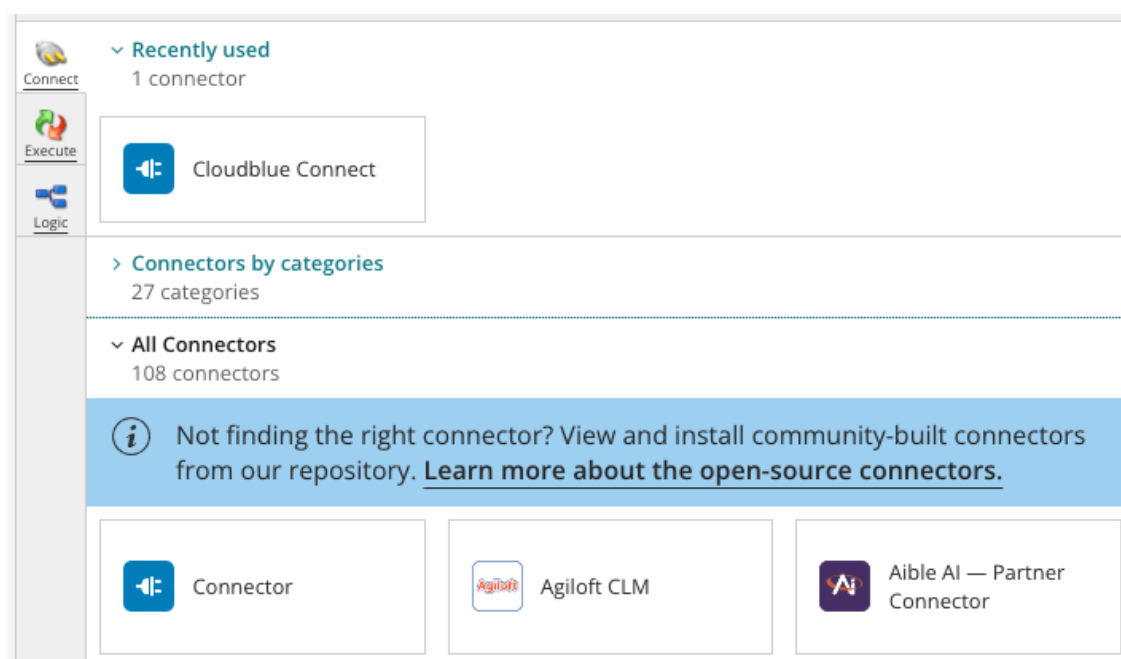
Once the extension is successfully deployed to the AtomSphere platform, it is possible to build your integration and configure your required business operations. The following showcases how to successfully customize your integration and set up your Connect API token on AtomSphere.

Designing Workflows

Boomi integrations consist of an automated workflow that connects your apps and associated services. Every process starts with a *Start shape*. It is automatically included in every new process and cannot be removed. The AtomSphere platform also requires to define your integration workflow by adding your selected process shapes to the canvas. The platform features the following types of shapes:

Connector Shapes

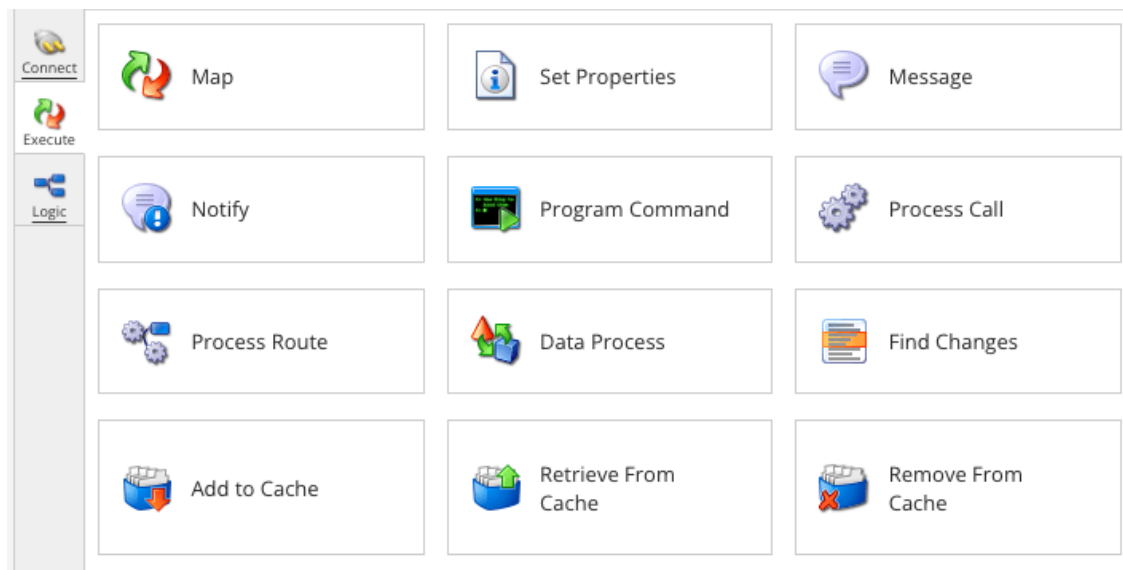
Connector shapes are used to get data into the process or send data out of your required process. Namely, it is required to specify required connectors for your integration. Once the CloudBlue Connect extension is successfully deployed, it will be available as a connector.



Execute Shapes

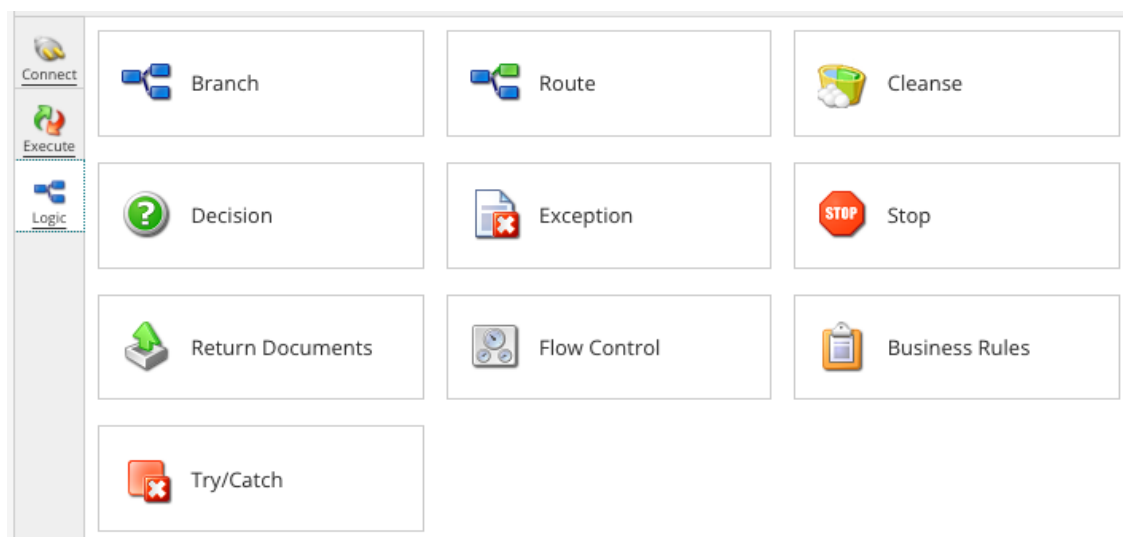
Execute shapes are used to manipulate your required data. This includes but not limited to data transformation shapes, program command shapes, data process shapes, shapes that are used to generate messages or custom notifications, and so on.

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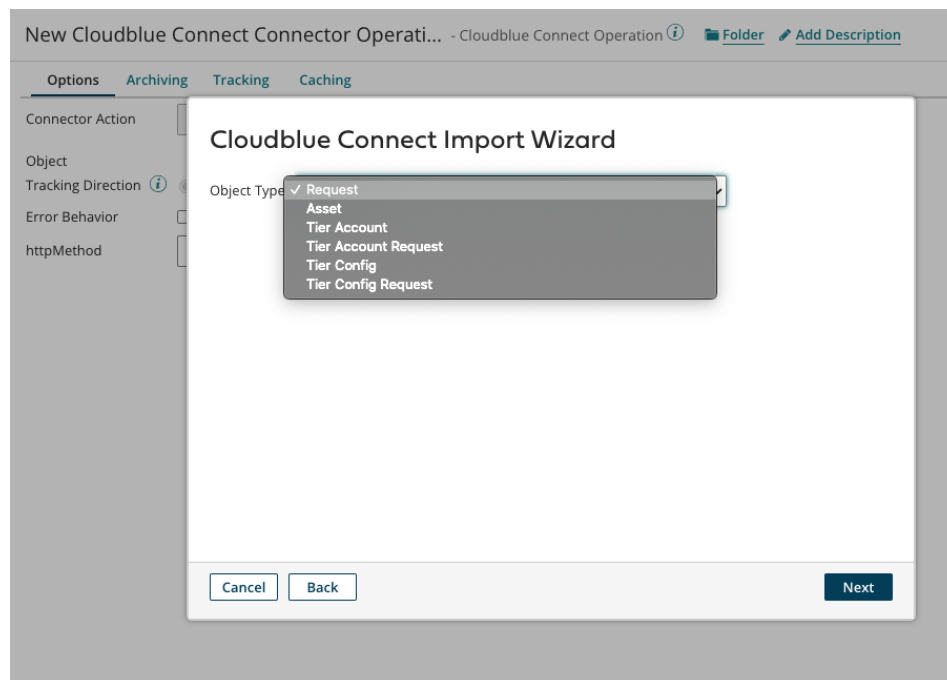
Logic Shapes

Logic shapes, as the name suggests, are used to direct the data flow through the process. Namely this includes shapes that allow you to create data copies, route required information, terminate process execution, control data flow, and more.



Action and Object Configuration

The CloudBlue Connect extension requires to specify your *Connector Action* and *Object* for your workflow. Access this configuration via the *Options* menu on the AtomSphere platform.



Full list of all available actions and object is presented within the List of Operations subarticle.

API Token

AtomSphere also requires you to specify an API token that should be generated on the CloudBlue Connect platform.

Create a new token by accessing **Integrations > Tokens** on the CloudBlue Connect platform. Click *Create a New Token* and select **Custom** extension type.

The screenshot shows the CloudBlue 'Token details' page. On the left, there's a sidebar with 'Integrations' and a sub-menu with 'API', 'Tokens', 'Webhooks', and 'Extensions'. The 'Tokens' option is selected. The main area is titled 'Token details' and has a table with columns: Status (Active), ID (Boomi Token SU-987-788-698), and Extension (custom EXT-000). Below the table, there are two tabs: 'GENERAL' and 'PERMISSIONS'. The 'GENERAL' tab is active, showing a 'Description' (API token for the Boomi AtomSphere platform) and a highlighted 'API Key/Handle' field containing a long string of asterisks. Below this is a 'Custom Integration' section. At the bottom, there's a 'Created' and 'Updated' section with timestamps and user names. The footer contains copyright information for CloudBlue Connect © 2022.

Once your token is successfully generated, copy your **API Key/Handle** value and paste it as the **API Token** value within the *AtomSphere's Connection* options. It is also necessary to copy API endpoint from the General tab of the **Integrations** module on Connect and specify this value for the connection configuration on the AtomSphere platform.

The screenshot shows the 'Distributor Prod' connection configuration page in CloudBlue. The top navigation bar includes '+ New', 'Welcome', 'Auto Approval', and 'Distributor Prod'. The main header is 'Distributor Prod - Cloudblue Connect' with links for 'Folder' and 'Add Description'. The 'Connection' tab is selected. The 'API Service Endpoint' field is filled with 'https://api.connect.cloud.im/public/v1'. The 'API Token' field is highlighted with an orange box and contains '<Encrypted>'. Below this, there's a modal window with 'API Token' and a field with asterisks. At the bottom of the modal are 'Apply' and 'Cancel' buttons.