

RabbitMQ Consumer Plugin

Plugin Information

View RabbitMQ Consumer on the [plugin site](#) for more information.

Description

This plugin connects to RabbitMQ, consumes messages in queue, then notifies it to listener.

Caution

This plugin has global configuration only, so any features for user are not provided. You should need other plugins to provide features to user. c.f. [RabbitMQ Build Trigger Plugin](#)

Develop listener plugin

This plugin provides convenient extension point to listen application messages. To implement listener to your plugin, you can use the blows:

pom.xml

```
<project>

  <dependencies>
    <dependency>
      <groupId>org.jenkins-ci.plugins</groupId>
      <artifactId>rabbitmq-consumer</artifactId>
      <version>VERSION</version>
    </dependency>
  </dependencies>

</project>
```

org.jenkinsci.plugins.rabbitmqconsumer.extensions

```
public abstract class MessageQueueListener implements ExtensionPoint {
    String getName();
    String getAppId();
    void onBind(String queueName);
    void onUnbind(String queueName);
    void onReceive(String queueName, String contentType, Map<String,
Object> headers, byte[] body);
}
```

Publish messages from your plugin

This plugin registers extension to publish messages to RabbitMQ.

If you want to use them from your plugin, please see the implementation of [RabbitMQ Build Trigger Plugin](#).

Implementation class

- org.jenkinsci.plugins.rabbitmqbuildtrigger.RemoteBuildPublisher

Extension

- `org.jenkinsci.plugins.rabbitmqconsumer.extensions.MessagePublisher`

Customize server operation

This plugin provides extension to customize server operation.

Extension

- `org.jenkinsci.plugins.rabbitmqconsumer.extensions.ServerOperation`

Remote API

Since 2.7, this plugin has [Remote access API](#). You can get plugin status via API.

Endpoint	/plugin/rabbitmq-consumer/api/
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Notice

This plugin does not generate any queues in RabbitMQ. So you should prepare them by yourself.

License

MIT License.

Version history

Version 2.8 (01/24/2018)

-  [JENKINS-40093](#) - RabbitMQ Plugins broken by JEP-200 RESOLVED
- Drop support Jenkins 1.x
- Add RabbitMQ connection monitor as `AdministrativeMonitor`
- Set system security to callback threads

Version 2.7 (11/06/2014)

- Bump `amqp-client` to 3.4.1
- Cleanup code
- Change logger to SLF4J
- Add remote API

Version 2.6

- Skip

Version 2.5 (08/07/2014)

- Catch exception when called extension interfaces
- Configure the period of supervisory timer
- Fix NPE during reconnection

Version 2.3-2.4

- Sorry, missed release. no exist in repository.

Version 2.2 (03/24/2014)

- Refactor shutdown logic
- Bump Java to 1.6
- Improve logs
- Improve channel handling
- Add extension to control channel

Version 2.1 (01/27/2014)

- Bumped Jenkins version to 1.532.1
- Remove recursive reference
- Stop Heartbeat setting
 - should follow given setting from server
- Fix unnecessary callback
- Cleanup code
- Add tests

Version 2.0 (01/14/2014)

- Fix NPE potential issue
- Add new extension points to consume/publish message.
- Deprecate interfaces
 - 1.0 style interfaces are no longer called. So you should not bump this easily.

Version 1.9 (07/23/2013)

- Fix: Service URI with userinfo is not valid in spite of fully following amqp uri spec.
 - Isolate userinfo from Service URI
 - Add new field to set username and password

Version 1.8 (07/18/2013)

- Add some interfaces for publish
 - Add/Remove channel listener
 - Setup method (Exchange declaration / Bind queue)
 - Expand PublishResult

Version 1.7 (07/17/2013)

- Add publish feature

Version 1.6 (07/11/2013)

- Improve locking opportunity
- Bumped amqp-client to 3.1.4

Version 1.5 (05/30/2013)

- Prevent to terminate connection when RuntimeException is raised in message handler

Version 1.4 (04/16/2013)

- Fix "Undelete queue item" issue
- Fix "Never open channel" issue due to missing condition check
- Improve channel update handling and logging messages

Version 1.3 (04/09/2013)

- Fix "Cannot update queue parameters" issue

Version 1.2 (04/09/2013)

- Fix "Parameters with checkbox cannot be saved" issue
- Fix localization
- Bumped amqp-client to 3.0.4

Version 1.1 (04/01/2013)

Re-release

Version 1.0 (04/01/2013)

Initial release