

# API Authenticator Plugin

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## Usages

- **API Authenticator Plugin** is used as an extension or replacement for the default authentication methods available in the API Builder.
- This plugin type must extend `org.joget.api.model.ApiAuthenticatorAbstract` abstract class.

## POM file adjustments

- Add the project dependencies below:

```
<!-- Add this dependency for authenticate(...) params -->
<dependency>
  <groupId>javax.servlet</groupId>
  <artifactId>jsp-api</artifactId>
  <version>2.0</version>
</dependency>

<!-- Add apibuilder_api dependency -->
<dependency>
  <groupId>org.joget.api</groupId>
  <artifactId>apibuilder_api</artifactId>
  <version>${project.version}</version>
  <scope>provided</scope>
</dependency>
```

## Abstract Class

### org.joget.api.model.ApiAuthenticatorAbstract

- Under `apibuilder_api` module
- Extended `org.joget.plugin.base.ExtDefaultPlugin`. Please refer to [Plugin Base Abstract Class and Interface](#).
- Implemented `org.joget.plugin.property.model.PropertyEditable`. Please refer to [Plugin Base Abstract Class and Interface](#).
- Implemented `org.joget.api.model.ApiAuthenticator`.
- A base abstract class to develop a custom API Authenticator Plugin.

### Abstract Methods

authenticate

```
public boolean authenticate(HttpServletRequest request, HttpServletResponse response);
```

Used to authenticate API calls on an existing API document.

#### Parameters:

request - the http request information

response - the http response to write

## Plugin Properties Options

- Please refer to [Plugin Properties Options](#) for more information.

## Sample Plugins

- Basic Authenticator - [basic-authenticator.zip](#)