Jira Plugin - Base64 Attachment Upload REST API

This plugin provides a REST API that allows upload of Base64 encoded attachments.

There are two endpoints available:

- /rest/base64attachment/1.0/direct/{issueIdOrKey}/{filename}/
- /rest/base64attachment/1.0/json

Both endpoints require preemptive basic authentication.

Both endpoints respond on success with a JSON response that may contain following fields:

- result - OK, when attachment was correctly created
- attachmentId - attachment ID

Example:

```
{"result":"OK","attachmentId":"10118"}
```

Both endpoints respond on error usually with a JSON response that will contain following fields:

- result - ERROR
- errorMessage - error message

Example:

```
{"result":"ERROR","errorMessage":"IssueIdOrKey parameter can not be null!"}
```

The HTTP status code of an error response will be in the 4** or 5** range.

/rest/base64attachment/1.0/direct/{issueIdOrKey}/{filename}/

Allows direct upload of base64 encoded attachment where metadata are in URL. The URL can be parametrized as follows:

- {issueIdOrKey} - path parameter that should be replaced with the issue id or key
- {filename} - path parameter that should be replaced with filename that will be displayed in Jira

Additionally following optional query parameters may be used:

- {contentType} - if used, then Jira will store this content type for the uploaded attachment. If not specified, then internal Jira functionality will decide best content type for uploaded attachment.
- {zipFlag} - if used, then the zip flag will be passed to Jira to indicate that the uploaded attachment is a zip archive.

Request body should contain base64 encoded attachment data.

Example:

URL:	http://localhost:8080/rest/base64attachment/1.0/direct/SAM-43/sample.txt/?contentType=text%2Fplain&zipFlag=false
Method:	POST
Content Type (HTTP Header)	text/plain
Body:	SGVsbG8gd29ybGQhCg==

/rest/base64attachment/1.0/json

Allows upload of base64 encoded attachment specified as a JSON structure.

The JSON structure can be parametrized as follows:

- issueIdOrKey - required parameter, should be replaced with the issue id or key
- base64EncodedData - required parameter, should contain base64 encoded attachment data
- filename - required parameter, should be replaced with filename that will be displayed in Jira
- contentType - optional parameter, if used then Jira will store this content type for the uploaded attachment. If not specified, then internal Jira functionality will decide best content type for uploaded attachment
- zipFlag - optional parameter, if used then the zip flag will be passed to Jira to indicate that the uploaded attachment is a zip archive

Example:

URL:	http://localhost:8080/rest/base64attachment/1.0/json
Method:	POST

Content Type (HTTP Header)	application/json

Body:	`{`
	`        "issueKeyOrId" : "SAM-43",`
	`        "base64EncodedData" :`
	`"SGVsbG8gd29ybGQhCg==",`
	`        "filename" : "sample.txt",`
	`        "zipFlag" : "false",`
	`        "contentType" : "text/plain"`
	`}`