

Part I.

End points

This chapter will be about the end points that are in use. With every end-point, an explanation what the end point does. The base of every request is:

End point	Description	Parameters	Request type
/	Get a debug token(this token works like a normal token)	no parameters	GET
/api/single/entry/:id	Retrieve a single log entry from the database	:id = the ID of the log entry	GET
/api/single/entry/file/:id	Retrieves a file from the single log entry. Works only when there is a file attached to the log entry	:id = the ID of the log entry	GET
/api/all/entries	Retrieves all log entries from the database	no parameters needed	GET
/api/post/entry/data	Creates an log entry and adds it into the database	See the JSON file below	POST
/api/upload/:id	Uploads a file to the log entry.	:id = the ID of the log entry. see for more information the JSON below	Post
/api/user/login/info	Used for the user to retrieve an token for the user	See the JSON below	POST

1. Create log entry

Here is an example of how the request for the log entry could look like:

```
{
  "created" : "2018-06-19 08:00:00",
  "subsystem" : "DAQ",
  "class" : "Big",
  "type" : "General",
  "run" : "2",
  "author" : "Hans Ans",
  "title" : "On Call Intervention",
  "log_entry_text" : "Something went wrong. Again, it has to do with the system I believe.",
  "follow_ups" : "Check if the system is on next time.",
  "interruption_duration" : "2018-06-19 00:30:00",
  "intervention_type" : "Emergency"
}
```

Here are the parameters in more detail:

name	description	database type	mandatory
created	When was the log entry created	TIMESTAMP WITHOUT TIMEZONE	Yes
subsystem	Which subsystem was the log entry created	VARCHAR()	Yes
class	What class is the log entry	VARCHAR(255)	yes
type	The type of the log entry	VARCHAR(255)	yes
author	Who created the log entry	VARCHAR(255)	yes
title	The name of the log entry	VARCHAR(255)	yes
log entry text	The text within the log entry	VARCHAR(255)	yes
follow ups	Follow up actions of the log entry	VARCHAR(255)	no
interruption duration	How long the interruption took place	TIMESTAMP WITHOUT TIMEZONE	no
intervention type	What kind of intervention was created	VARCHAR(255)	no
quality flag	The quality of the run	INTEGER	no

2. Login

Here is an example for the log in request:

```
{
  "email" : "walter.white@cern.ch",
  "password" : "password"
}
```

name	description	mandatory
email	The email address of the user	yes
password	The password of the user	yes

3. File upload

Key	Value
<input checked="" type="checkbox"/> file	<input type="button" value="Choose Files"/> No file chosen

name	description	mandatory
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file	The file which will be uploaded(only jpg, JPG, gif, GIF, doc, DOC, pdf and PDF are supported)	yes
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