

Email notification on Bot Failure

Code - Orchestrator

- In any Case bot gets fail , then email notification should go the mailIds which are configured.
- Every bot calls /botiowrite api of the orchestrator to mark complete/failed in the eventstatuses & events.
- Whenever bot is get failed , we pass statusCode other than 200 , so that orchestrator marks the bot is failed.
- So, when statusCode is not 200, then there is one function called **sendNotification()** which will be get called and in that function this email notification thing is handled.
- Have to put the fail criteria in the bot for which we are expecting mail if bot failed.
Ex. `notificationCriteria = ['fail']`
This type of notification criteria should be added for the bot, so that in code it is handled if it is there it will send mail.
- Also, remember that there should be **minimum one task level variable** in the process.
- Below data should be added in .env ;

```
emailFrom = "techsupport@gibots.com"
emailPass = "Gibots@2019!"
eREJECT_UNAUTHORIZED="0"
ehost=""
eto="trupt.d@gibots.com,apurva.w@gibots.com,shailaja@gibots.com"
euser="poc@gibots.com"
efrom="poc@gibots.com"
eservice="gmail"
epass="dmFpZGVoaUAxMjM="
```

- This function is get called from the orchestratorController.ts in orchestrator.
`this.orchestrator.sendNotification(body);`
- Also extra thing is added for the future enhancements that, we can apply rules before sending the email , For that we have to add the `notifyRuleId` named task level

variable in the the process and pass the ruleId which we are going to apply on the data before sending the mail.

Ex.

```
input = {
    "service": objectInput.data.service,
    "user": objectInput.data.user,
    "from": objectInput.data.from,
    "pass": encodedPass,
    "projectVar": objectInput.data.projectVar,
    "to": to,
    "cc": cc,
    "bcc": "",
    "subject": subject,
    "iterationId": String(task.iterationId)
};
```

We can apply rules on these parameters and also can add extra parameters ,which can be then added to the text of mail after evaluating the rules.