

# Report Service Release Note

**Release#:** 1.2.3

**Date:** 21/12/2019

## Parameters List (**Updated**)

Below is a list of report service's parameters list,

- **Mandatory** parameters  
Must be supplied for the service to run properly.
- **Optional** parameters  
May not be supplied, no need to pass the optional parameter, omitting the parameter **or sending it with empty value** or -1 value have the same effect as the service will assume that this parameter will not be used in report search criteria.

### 1. **\$P\_DB\_NAME:**

**Mandatory** – Only single value (must not be surrounded by quotes), the school alias name, please refer to META-INF/context.xml for a full list of alias names and their corresponding IP.

### 2. **\$P\_REPORT\_NAME:**

**Mandatory** – Only single value (must not be surrounded by quotes), the physical report name without extension located in WEB-INF folder, e.g. QUARTER for "QUARTER.jasper" report or SEMESTER for "SEMESTER.jasper" report, etc.

### 3. **\$P\_SCALE\_ID:**

**Optional** – Only single numeric value (must not be surrounded by quotes), Omitting this parameter won't stop report rendering, but will have the following effect on rendered report:

- a- The student overall grade will be empty (i.e. A+, A, B, C, etc.) won't show on student card header data labeled "**Grade:**"
- b- The grading scale table won't show in report (the grid shown below the student subject's grades with title "**Grade Boundaries**")

#### 4. \$P\_GRADING\_PERIOD\_ID (New)

**Optional**, value if supplied must be either:

- -1 or Empty (if not required)
- **One or many** values separated by a comma and each value must be surrounded by double quotes, e.g.:

**\$P\_GRADING\_PERIOD\_ID**="1483","1501" (GET or POST parameter)

#### 5. \$P\_INCLUDE\_ATTENDANCE\_RECORD (New)

**Optional**, setting this parameter to YES (case insensitive and with no quotes), will show the attendance record area in each page of report (for each student report card)

#### 6. \$P\_INCLUDE\_COMMENT\_SECTION(New)

**Optional**, setting this parameter to YES (case insensitive and with no quotes), will show the comment section area in each page of report (for each student report card)

#### 7. \$P\_CATEGORY\_NAME (Updated)

**Optional**, value if supplied must be either:

- -1 **or Empty** (if not required)
- **One or many** values separated by a comma and each value must be surrounded by double quotes, e.g.:

**\$P\_CATEGORY\_NAME**="Final Exam","Project" (GET or POST parameter)

#### 8. \$P\_CLASS\_NAME (Updated)

**Optional**, value if supplied must be either:

- -1 **or Empty** (if not required)
- **One or many** values separated by a comma and each value must be surrounded by double quotes, e.g.:

**\$P\_CLASS\_NAME**="19A","19B" (GET or POST parameter)

## 9. \$P\_STUDENT\_ID (Updated)

**Optional**, value if supplied must be either:

- -1 **or Empty** (if not required)
- **One or many** values separated by a comma and each value must be surrounded by double quotes, e.g.:

**\$P\_STUDENT\_ID**="570","581" (GET or POST parameter)

**Note:** this value is the numeric unique ID of student in students table.

## 10. \$P\_SHOW\_ERRORS:

**Optional**, to display the full stack trace of the error in case the report is showing only a brief message like "Report Exception", if you repeat the same request or post but with this additional parameter **\$P\_SHOW\_ERRORS=YES**, this will enforce the service to show the full stack trace of the error not only the brief message, note that the value (YES) is case insensitive.

## 11. \$P\_SEND\_BY\_EMAIL

**Optional**, this parameter is required to let the report service send the output PDF report to the supplied email list (described in following parameter), in that case no PDF report will be displayed on the browser, and instead a message will be shown in browser upon successful or failed attempt to send the report to the required email list, to activate this behavior, this parameter **\$P\_SEND\_BY\_EMAIL** must be set to YES (case insensitive) without quotes, **\$P\_SEND\_BY\_EMAIL=YES**, in case YES is passed to this parameter but **\$P\_EMAIL\_LIST** is not passed to the service, an error will be displayed on browser as follows: *"You select to send by Email but you didn't specify a \$P\_EMAIL\_LIST"*, note that in case **\$P\_SEND\_BY\_EMAIL=YES** and **\$P\_EMAIL\_LIST** is set correctly, the PDF report won't show on browser but to the recipients Email, the browser will only show the Email sent status (success/Failure messages)

## 12. \$P\_EMAIL\_LIST (Updated)

**Optional**, if entered will be one or many separated by commas and each email must be provided between double quotes, e.g. samples:

2. **\$P\_EMAIL\_LIST**="[jack@gmail.com](mailto:jack@gmail.com)", "[jim@yahoo.com](mailto:jim@yahoo.com)" (as GET or setting this value with the same double quotes in POST attribute named **\$P\_EMAIL\_LIST**)
3. **\$P\_EMAIL\_LIST**="[jone@abc.com](mailto:jone@abc.com)"

Note that this parameter will be neglected by the service if passed without passing the previous parameter **\$P\_SEND\_BY\_EMAIL** with a value (YES) case insensitive, also

failing to send email to one of the recipients will let the whole email sending process fail, **a http response of 200 (OK) or 500 (Internal server error) will be returned in success/failure cases while sending emails.**

## Updates in this release (**New**):

1. Optional parameters can be posted with empty value (same like -1).
2. **\$P\_LEVEL** is obsolete and not required as input
3. **\$P\_PERIOD\_NAME** is obsolete and not required as input
4. **\$P\_GRADING\_PERIOD\_ID** is introduced (Optional with multi values)
5. Mail sent won't show output and will only return status code either:
  - a. 200 (OK): if email sent.
  - b. 500 (Internal server error): In all failure cases.
6. Emails sent will contains a header with Skolera Logo in Email body.