LOGGING WEB SERVICE DOCUMENTATION

**Version 1.0**

**René Ranzinger**

**CCRC, University of Georgia**

Contents

[Introduction 2](#_Toc505179788)

[Web service call 2](#_Toc505179789)

[Function 2](#_Toc505179790)

[Response 2](#_Toc505179791)

# Introduction

This web service is used to log user interaction with the web page. Later on this will allow us to generate user specific web pages, generate user statistic and also trace back errors.

# Web service call

**HTTP Request method** POST

**Variables** \**user* ID of the user, if missing it’s an anonymous user

\**page* Current webpage that calls the logging service

*\*type* Type of log message (*error*, *user*). Default value is user for logging user interactions.

*id* A ID what is displayed or requested (e.g. ID of a glycan on the glycan details page or the ID of a search result on the glycan list page)

*message* A detailed message what is logged in JSON format.

(Note: all this data is sent to WS in the “query” object variable as a json string.)

\*= mandatory fields

# Function

This web service will log interactions of the user with the frontend, what kind of functions he uses and errors he encounters. Each log entry consists of the user ID (can be anonymous), the page the error or interaction occurred, the type of logging (error or user interaction) an ID identifying the displayed data set and a generic log message in JSON format providing additional details. The JSON format will be specific for each page and log message type.

# Response

**Content** None

**Access-Control-Allow-Origin** \*

|  |  |
| --- | --- |
| Bildergebnis für please note icon | **Warning**  To all Cross-Origin Resource Sharing (CORS) the web service has to allow all domains access. Otherwise browsers will not permit to call this web service by a webpage. Therefore the HTTP response header must contain the appropriate *Access-Control-Allow-Origin* statement. |