**API Error Codes Documentation**

**Overview**

**This document provides a standardized set of API response codes, categorized for different API operations. These response codes help in identifying success, errors, and specific issues related to Load, Search, Unload, and Status operations.**

**Common Response Codes**

| **Code** | **Category** | **Description** |
| --- | --- | --- |
| **200** | **Success** | **Request processed successfully.** |
| **500** | **Error** | **Internal server error.** |
| **404** | **Not Found** | **Requested resource not found.** |

**Load API Response Codes (100-120)**

| **Code** | **Description** |
| --- | --- |
| **100** | **File loaded successfully.** |
| **101** | **File is already loaded.** |
| **102** | **Some files were loaded, others failed.** |
| **103** | **Filenames list cannot be empty.** |
| **E100** | **Failed to load file.** |
| **E101** | **Audit ID not found.** |
| **E102** | **File not found for this audit.** |

**Search API Response Codes (120-140)**

| **Code** | **Description** |
| --- | --- |
| **120** | **Search processed successfully.** |
| **121** | **Results retrieved from cache.** |
| **122** | **Filename is missing.** |
| **123** | **Audit ID is missing.** |
| **124** | **Search term is missing or empty.** |
| **125** | **Filename is empty.** |
| **126** | **Invalid filenames found in request.** |
| **E120** | **Unable to complete search.** |
| **E121** | **Audit and file not loaded.** |
| **E122** | **Audit ID and filename are empty.** |
| **E123** | **Audit ID not found.** |
| **E124** | **File not found for this audit.** |
| **E125** | **Audit ID not loaded.** |

**Unload API Response Codes (140-160)**

| **Code** | **Description** |
| --- | --- |
| **140** | **Unloaded successfully.** |
| **141** | **Audit not loaded.** |
| **142** | **File not loaded.** |
| **143** | **Partial unload completed.** |
| **E140** | **Failed to unload files.** |
| **E141** | **Audit ID and filename are empty.** |
| **E142** | **Audit ID not found.** |
| **E143** | **File not found in loaded audit.** |
| **E145** | **File or Audit ID not loaded.** |

**Status API Response Codes (160-180)**

| **Code** | **Description** |
| --- | --- |
| **160** | **Indices status retrieved successfully.** |
| **161** | **Audit is not currently loaded.** |
| **162** | **Some indices were partially unloaded.** |
| **163** | **File not loaded for this audit.** |
| **E160** | **Failed to retrieve indices status.** |
| **E161** | **Required parameters are missing.** |
| **E162** | **Specified audit not found.** |
| **E163** | **One or more file statuses not found in audit.** |

**General Error Codes**

| **Code** | **Description** |
| --- | --- |
| **E999** | **An unexpected error occurred.** |

**Notes**

* **Error codes prefixed with E indicate failure scenarios.**
* **Success codes indicate successful execution of the request.**
* **Ensure required parameters are provided to avoid E161 or E122 errors.**