

Eldercare API (web service) Error Handling

Error Handling

The API throws a SOAP Error. The error code can be obtained from the <detail> property tag of the SOAP exception (Detail.OuterXml) by extracting the string after the last colon in the text. This converts to a number that references a specific error code that can be used for user friendly messages or error responses.

SOAP Exception Example:

Fault Code Namespace: <http://schemas.xmlsoap.org/soap/envelope/>

Fault Code Name: Server

SOAP Actor that threw Exception

https://eldercare.acl.gov/WebServices/EldercareData/ec_search.asmx

Error Message: System.Web.Services.Protocols.SoapException: General Login: Invalid login. Invalid username/password please login again. :: Login failed for: Agility281 / T00t2Shor3!a. Pleases try again

at General_Functions.ThrowSOAPException(String asTitle, String asErrorMessage, String asErrGetType)

at ECdata.login(String asUsername, String asPassword)

Detail: <detail><DatabaseError>LoginError:1</DatabaseError></detail>

Error Codes

- 1: Invalid Login
- 2: InvalidToken
- 3: Zipcodes Database Error
- 4: Zipcode Dataset Error
- 5: Illegal zipcode
- 6: No Zipcode
- 7: CityState Database Error
- 8: CityState Dataset Error
- 9: Illegal city and/or state
- 10: Missing City and/or state
- 11: Session Expired