



Developer Guide

ANZSIC Point of Contact Coder (PoCC)

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INVOKING THE ANZSIC POCC SERVICE

The ANZSIC PoCC is a simple RESTful web service that allows the user to obtain relevant ANZSIC codes based upon search terms supplied in a GET request.

The service responds to GET requests to <https://industrycoder.abs.gov.au/pocc?s={terms}>

Where '{terms}' are the terms you wish to search for (e.g. 'banking', 'fishing', 'house painting'). Any non-alphanumeric characters will be removed from the search string, and any raw special characters will be blocked by the ABS WAF, so URL encoding is essential.

OUTPUT RETURNED BY THE ANZSIC POCC SERVICE

The service returns an array of JSON objects with the following attribute/value pairs:

Attribute	Value
Code	The 5-digit Business Industry Code (an extension of the ANZSIC code)
Parsed Text	Parsed version of the potential matching index entry; i.e. modified to allow efficient searching. This is what the query terms have been searched against
Unparsed Text	The natural language description of the potential matching index entry
Score	Weighted closeness score, a decimal value between 0-10
Rank	Integer closeness ranking within the results

The results are returned ordered by rank, and only the top 20 results are returned.

EXAMPLE SERVICE QUERY USING AJAX

Here is a basic example webpage that uses AJAX to query the service and display the results. Note that in this example, only the Code and Unparsed Text results are displayed:

```
<!DOCTYPE html >
<html xmlns="http://www.w3.org/1999/xhtml" >
<head>
  <title>PoCC Search</title>
</head>
<body>

  <div>
    <h2>Search for a Classification</h2>
    <input type="text" id="search" size="20" />
    <input type="button" id="searchButton" value="Search" onclick="find();" />
    <ol id="results" />
  </div>

  <script src="https://ajax.aspnetcdn.com/ajax/jquery/jquery-2.0.3.min.js"></script>
  <script>
    var uri = 'https://industrycoder.abs.gov.au/pocc?s=';

    function formatItem(item) {
      return item.code + ": " + item.unparsedText;
    }

    function find() {
```

```
var id = $('#search').val();
$.getJSON(uri + id)
  .done(function (data) {
    $('#results').text(''); //clear previous search results
    $.each(data, function (key, item) {
      $('#<li>', { text : formatItem(item) }).appendTo($('#results'));
    });
    if (data.length < 1) {
      $('#results').text('No results found');
    }
  })
  .fail(function (jqXHR, textStatus, err) {
    window.alert('Error: ' + err);
  });
}
</script>
<script>
  $('#search').keyup(function(event) {
    if (event.keyCode === 13) {
      $('#searchButton').click();
    }
  });
</script>
</body>
</html>
```

To run this code, save it as an html document and open it in a web browser.

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