



Orienteering Australia Reporting Website

<https://reporting.orienteering.asn.au/>

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Background

- Limited reporting available in Eventor
 - No statistical reports
 - Poor membership reporting
 - Some data is not available on any Eventor report
 - Most existing reports have to be resaved to be useful
- Issues with adding new reports to Eventor
 - Very expensive to develop
 - Developers don't often understand our business
 - Development can take up to 12 months

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Eventor's Application Program Interface (API)

- This is a web service that allows OA and states to retrieve data from the Eventor database
- The API has different methods for retrieving personal, membership, event data etc
- Each state has its own API key that is required to be sent with the URL for authentication

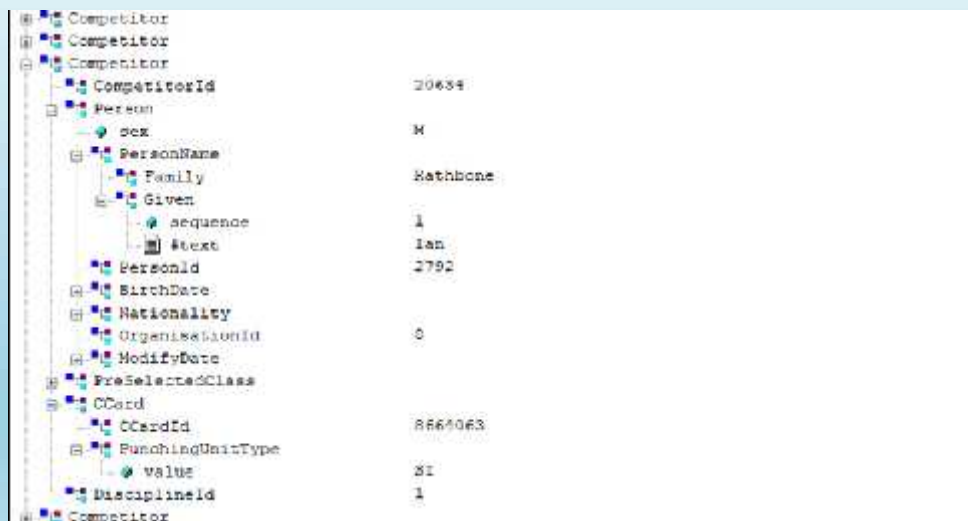
GET <https://eventor.orienteering.com.au/api/persons/organisations/{organisationId}>
Returns all persons that are members of an organisation.

Path parameters

Name	Req	Default	Description
organisationId	Y		The ID of the organisation, as specified by /organisations. This parameter must be set to the own organisation's ID.

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Data from the API comes back as XML



Competitor	
Competitor	
Competitor	
CompetitorId	20634
Person	
sex	M
PersonName	
Family	Kathbone
Given	
sequence	1
#text	Ian
PersonId	2792
BirthDate	
Nationality	
OrganisationId	0
ModifyDate	
PreSelectedClass	
CCard	
CCardId	8664063
PunchingUnitType	
value	81
DisciplineId	1
Competitor	

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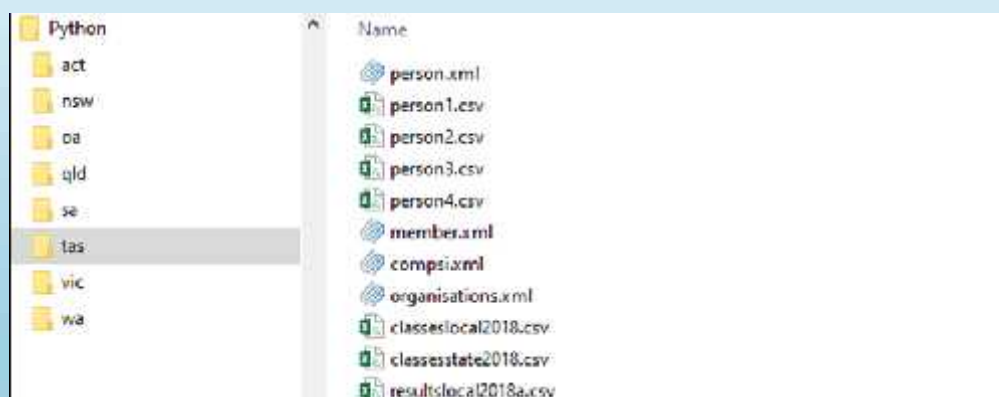
The XML is interpreted by scripts

```
# check if the address nodes exist and if so concatenate the address-fields
temp_street = ''
temp_suburb = ''
if child.find('Address') is not None:
    if child.find('Address').get('street') is not None:
        temp_street = child.find('Address').get('street') + ' '
    if child.find('Address').get('city') is not None:
        temp_suburb = child.find('Address').get('city') + ' '
    if child.find('Address').get('careOf') is not None:
        temp_suburb = temp_suburb + child.find('Address').get('careOf') + ' '
    if child.find('Address').get('zipCode') is not None:
        temp_suburb = temp_suburb + child.find('Address').get('zipCode')

# Cleanup unicode problems and append to the row
temp_street = clean_other(unicode(temp_street))
temp_suburb = clean_other(unicode(temp_suburb))
item1.append(temp_street)
item1.append(temp_suburb)
```

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The scripts save the data as CSV files



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The csv files are displayed as tables and graphs

Club	Age	Gender	...
...

OA Reporting - Orienteering Tasmania

TAS Membership Type Stats 2019

TAS Membership Type Stats available for 2019 - 2019

Club	Club Name	% Membership	Count	Early members	Info/Coaches	Info/Coaches	Total
01	ASB/ASB	48	3	1	0	0	4
02	EA/EA	28	2	0	1	1	4
03	EA/EA	8	1	1	0	0	2
04	EA/EA	2	0	0	0	0	0
05	EA/EA	1	0	0	0	0	0
06	EA/EA	1	0	0	0	0	0
07	EA/EA	1	0	0	0	0	0
08	EA/EA	1	0	0	0	0	0

Download Table Data | Download Table Data

The data is displayed on a webpage using the Joomla/Wordpress plugin 'Tabulizer'

Contact details & membership details are refreshed hourly

TAS Contact Details

Showing 10 members of 27 members

ID	Club	Firstname	Lastname	Sex	Age	DOB	DOB	Phone_1	Address_1	Phone	Mobile	Email
2088	ASB/ASB	Archie	...	M	2006	2006-01-01	...	...	...	...	...	...
2140	EA/EA	Alan	...	M	2002	2002-01-01	...	...	...	...	...	...
2141	EA/EA	Alan	...	F	2008	2008-01-01	...	...	...	...	...	...
2142	EA/EA	Alan	...	M	2011	2011-01-01	...	...	...	...	...	...
2143	EA/EA	Alan	...	F	2019	2019-01-01	...	...	...	...	...	...
2144	EA/EA	Alan	...	M	2018	2018-01-01	...	...	...	...	...	...
2145	EA/EA	Alan	...	M	2004	2004-01-01	...	...	...	...	...	...

TAS Membership Details

Showing 10 members of 27 members

ID	Club	Firstname	Lastname	Sex	Age	DOB	DOB	Membership Type	Start Date	Status	Last Update
2146	EA/EA	Alan	...	M	2006	2006-01-01	...	EA/EA	2006-01-01	Active	2019-04-12
2147	EA/EA	Alan	...	M	2002	2002-01-01	...	EA/EA	2002-01-01	Active	2019-04-12
2148	EA/EA	Alan	...	F	2008	2008-01-01	...	EA/EA	2008-01-01	Active	2019-04-12
2149	EA/EA	Alan	...	M	2011	2011-01-01	...	EA/EA	2011-01-01	Active	2019-04-12
2150	EA/EA	Alan	...	F	2019	2019-01-01	...	EA/EA	2019-01-01	Active	2019-04-12

Other data for the current year is refreshed nightly

TAS Participation & Results - State Events 2019

TAS Participation & Results - State Events 2019

Event	Event Name	Date	Days	Clubs	Participants	Men	Women	U18	U19	U20	U21	U22	U23	U24	U25	U26	U27	U28	U29	U30	Total
1201	Mounts MR Range Adventure - Mountain Biking (Cross-Country)	2019-05-05	1 Day	10	100	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	100
1202	Mounts MR Range Adventure - Mountain Biking (Short Course)	2019-05-05	1 Day	10	100	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	100
1203	Mounts MR Range Adventure - Mountain Biking (Cross-Country)	2019-05-05	1 Day	10	100	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	100
1204	Mounts MR Range Adventure - Mountain Biking (Short Course)	2019-05-05	1 Day	10	100	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	100

TAS Membership Age/Sex Stats 2019

TAS Membership Age/Sex Stats are available for: 2019, 2018

Age Stats - All Females & Males

Club	Club Name	0 to 11	12 to 17	18 to 20	21 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 89	Totals
AL T	Australopithecus	24	36	13	18	25	42	38	32	9	235
EV T	Evk Valley	4	11	3	11	6	12	7	4	4	62
PF T	Parthenon	2	5	0	3	1	5	1	1	0	18
WR T	Warrington Ranges	0	0	0	0	0	0	0	0	0	0
CM T	Central Members Inc	0	0	0	1	1	1	1	1	0	5
>>>>	Subtotal	30	46	16	31	37	60	47	38	13	318

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The Reporting Website
<https://reporting.orienteering.asn.au/>

The screenshot shows the reporting website interface. At the top, there are navigation tabs for different states: ACT, NSW, QLD, SA, TAS, VIC, WA, and HELP & FAQs. The 'TAS' tab is selected, and a dropdown menu is open, listing 'TAS REPORTS' and 'TAS STATS'. Under 'TAS REPORTS', the following items are listed: Contact Details, Contact Details & Other Info, Membership Details, and Participation & Results. Under 'TAS STATS', the following items are listed: Membership Age/Sex Stats, Membership Type Stats, Participation Age/Sex Stats, and Participation Class Stats. Below the navigation, there is a section titled 'What is available from this website?' and 'Who will have access?'. The 'What is available from this website?' section explains that reports relate to orienteering membership and participation, drawn from data stored in Denton. It also states that state administrators will be granted access to information on all clubs and the ACT. The 'Who will have access?' section lists that initially state presidents, state secretaries, and key administrators in each state will have access, with recommended administrators receiving an email with a link to the site.

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** Live Demo of State Reports

- Contact Details
- Contact Details & Other Info
- Membership Details
- Participation & Results

<https://reporting.orienteering.asn.au>

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Permissions: Public

- Can only see the website home page and help menu



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Permissions: State Administrators

- Can see their state reports and stats
- Can see OA stats and other states stats



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Permissions: OA Administrators

- Can see all OA reports and stats
- Can see all state reports and stats



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** Live Demo of State Stats Reports

- Membership Age/Sex Stats
- Membership Type Stats
- Participation Age/Sex Stats
- Participation Class Stats

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** Live Demo of OA Reports

- All State Membership Stats
- Annual Membership Stats

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Proposed New Reports and Changes

- New OA report needed to sync 'RevSPORT'
(status: specs provided)
- New state report needed to identify 'Lapsed Members'
(status: report commenced)
- Membership Details report needs 'next years membership' from Nov onwards
(status: not commenced)
- Age and sex groupings needed to be added to OA Stats Reports
(status: further specs required)
- Report and workflow needed for emailing each person their details from Eventor so that they update their data
(status: not commenced)
- 'Receive Hard Copy of Magazine' report needed
(status: not commenced)

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End of Year & Technical Support

- End of Year Rollover
 - At start of 2020 existing scripts will automatically produce the 2020 report files
(no work involved)
 - The 2020 reports won't appear until the website pages point to the new 2020 files
(2 days work including documenting the process for next time)
- To reduce single person dependency to support the system, I am looking for a person who:
 - has experience with Joomla websites with menus, articles & plugins
 - has experience with CPanel File Manager and setting up Cron Jobs
 - has an understanding of web services and navigating XML files
 - can understand Python scripts sufficiently to edit if required
 - willing to learn how to create rulesets and data sources for the Tabulizer plugin

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Feedback on Reports

Feedback would be welcome from all states and the ACT on the reports and stats produced to date:

- Is each report useful?
- Is it accurate?
- How can it be improved?

Feedback is also welcome on the proposed new reports and details on other reports required by states and the ACT.

Send all responses to: feedback@reporting.orienteering.asn.au