

# Event Feed 2013

From ICPC-Contest Control Standard

Jump to:[navigation](#), [search](#)

This page describes the event feed format that will be used at WF 2013

## Contents

- [1 Getting the feed](#)
- [2 File format](#)
  - [2.1 <info>](#)
  - [2.2 <language>](#)
  - [2.3 <region>](#)
  - [2.4 <judgement>](#)
  - [2.5 <problem>](#)
  - [2.6 <team>](#)
  - [2.7 <clar>](#)
  - [2.8 <run>](#)
  - [2.9 <testcase>](#)
  - [2.10 <finalized>](#)

## Getting the feed

Connect to port 4713 and the entire feed for the contest will be sent to you. When the contest is finalized, the contest tag will be closed and the connection closed.

Connect to port 4714 and the entire feed for the contest will be sent to you, with the exception that no judgement information will be sent for runs submitted during the last hour. When the contest is finalized, the contest tag will be closed and the connection closed (but you will still not get judgements for runs submitted the last hour).

## File format

The event feed is structured as an xml document within the root element <contest>.

All events are separate elements at the top level.

Some extra tags beyond what is documented here may also be sent, these should be ignored.

Event types are:

info

contest information and updates

language

submission language information

region

super region information

judgement  
    judgement information  
problem  
    problem information  
team  
    team information  
clar  
    submitted clarification information and updates  
run  
    submitted run information and updates  
testcase  
    judgement of individual test cases for a run

Most elements are identified by an id. Timestamped events all have a timestamp element in decimal seconds. Submission events have a time element in decimal seconds relative to the contest start when it was submitted.

Events have time attributes identical to the timestamp element.

Sample events with inner element descriptions:

### **<info>**

```
<info>  
<length>05:00:00</length>  
<penalty>20</penalty>  
<started>False</started>  
<starttime>1265335138.26</starttime>  
<title>The 2010 World Finals of the ACM International Collegiate Programming  
Contest</title>  
</info>
```

length  
    Length of contest in HH:MM:SS format.  
penalty  
    Penalty time in minutes.  
started  
    Started flag.  
starttime  
    Starttime as a timestamp in decimal seconds.  
title  
    Contest title string.

### **<language>**

```
<language>  
<id>1</id>  
<name>C++</name>  
</language>
```

id  
Language identifier.  
name  
Language name.

### **<region>**

```
<region>  
<external-id>3012</external-id>  
<name>Europe</name>  
</region>
```

external-id  
Identifier from the registration system.  
name  
Super region name.

### **<judgement>**

```
<judgement>  
<acronym>CE</acronym>  
<name>Compile Error</name>  
</judgement>
```

acronym  
Short name  
name  
descriptive name

### **<problem>**

```
<problem>  
<id>1</id>  
<name>A - APL Lives!</name>  
</problem>
```

id  
Problem identifier  
name  
descriptive name

### **<team>**

```
<team>  
<id>1</id>  
<name>American University of Beirut</name>  
<nationality>LBN</nationality>  
<university>American University of Beirut</university>  
<region>Europe</region>
```

<external-id>23412</external-id>  
</team>

id  
Team identifier  
name  
Team name  
nationality  
nationality as ISO 3166-1 alpha-3  
university  
university affiliation.  
region  
super region name.  
external-id  
team id from registration system.

Additional information may be provided.

**<clar>**

<clar>  
<answer>The number of pieces will fit in a signed 32-bit integer.</answer>  
<answered>True</answered>  
<id>1</id>  
<question>What is the upper limit on the number of pieces of chocolate  
requested by the friends?</question>  
<team>0</team>  
<problem>1</problem>  
118.480356991  
<timestamp>1265335256.74</timestamp>  
<to-all>True</to-all>  
</clar>

answer  
answered  
Answered flag  
id  
Clarification identifier  
question  
team  
Team ID  
problem  
Problem ID  
time  
timestamp  
to-all  
to-all flag

## **<run>**

```
<run>
<id>1410</id>
<judged>True</judged>
<language>C++</language>
<penalty>True</penalty>
<problem>4</problem>
<result>WA</result>
<solved>False</solved>
<team>74</team>
17960.749403
<timestamp>1265353100.29</timestamp>
</run>
```

id  
Run identifier

judged  
Judged flag

language  
language name

penalty  
penalty flag

problem  
problem ID

result  
result short name

solved  
solved flag

team  
team ID

time  
official submission time used for scoring.

timestamp

## **<testcase>**

```
<testcase>
<i>1</i>
<judged>True</judged>
<judgement>WA</judgement>
<n>1</n>
<run-id>1</run-id>
<solved>False</solved>
939.751724958
<timestamp>1265336078.01</timestamp>
</testcase>
```

i  
testcase number

judged  
judgement  
    Judgement acronym  
n  
    Total number of testcases  
run-id  
solved  
time  
timestamp

## <finalized>

```
<finalized>  
<timestamp>1265336078.01</timestamp>  
<last-gold>4</last-gold>  
<last-silver>8</last-silver>  
<last-bronze>12</last-bronze>  
<comment>Finalized by John Doe and Jane Doe</comment>  
</finalized>
```

timestamp  
last-gold  
    integer, last place to receive a gold  
last-silver  
    integer, last place to receive a silver  
last-bronze  
    integer, last place to receive a bronze  
comment  
    text

Retrieved from "[https://clics.ecs.baylor.edu/index.php?title=Event\\_Feed\\_2013&oldid=1665](https://clics.ecs.baylor.edu/index.php?title=Event_Feed_2013&oldid=1665)"

## Navigation menu

### Views

- [Page](#)
- [Discussion](#)
- [View source](#)
- [History](#)
- [PDF Export](#)

### Personal tools

- [Log in](#)

## Navigation

- [Main page](#)
- [Recent changes](#)
- [Random page](#)
- [Help](#)

## Search

## Tools

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Permanent link](#)
- [Page information](#)



- This page was last edited on 23 January 2013, at 07:27.
- Content is available under [Creative Commons Attribution-ShareAlike](#) unless otherwise noted.
- [Privacy policy](#)
- [About ICPC-Contest Control Standard](#)
- [Disclaimers](#)