Week 3 Joint Document

18 Examples of different events in JSON

Example 1: Sport Event

```
{
        "2012 Summer Olympics": {
            "event-type": "sport",
            "country": "UK",
            "part of": "Summer Olympic Games",
            "location": "London",
            "start-time": "25 July 2012",
            "end time": "12 August 2012",
            "medalcount": {
                "United-States": {
                                "Gold": 46,
                                "Silver": 28,
                                "Bronze": 29
                },
                "China": {
                                "Gold": 38,
                                "Silver": 28,
                                "Bronze": 22
                }
            }
        }
}
```

Example 2: Suicide Bombing/Terrorist Attack

```
{
        "2016 Lahore suicide bombing": {
            "event-type": "suicide attack",
            "country": "Pakistan",
            "number of injured": 350±50,
            "location": "Gulshan-e-Iqbal Park",
            "point in time": "27 March 2016",
            "number of deaths": 75,
            "coordinate location": "31°30'58.50"N, 74°17'25.15"E",
```

```
                        "participant": "Tehrik-i-Taliban Pakistan",
                }
}


 Example 3: Catastrophic: Man-Made: Industrial Accident
{
                "Bhopal disaster": {
                        "event-type": "industrial accident",
                        "country": "India",
                        "location": "Bhopal",
                        "coordinate location": "23°16'51''N, 77°24'37''E",
                        "point in time": "2 December 1984",
                        "participant": "Union Carbid India Limited",
                        "number of injured": "500,000 (estimated)",
                        "number of death": "3,800 to 25.000",
                }
}


Example 4: Catastrophic: Man-Made: traffic accident
{
                "Los Alfaques disaster": {
                        "event-type": "traffic accident",
                        "country": "Spain",
                        "Location": "Tarragona",
                        "coordinate location": "40°35'43.1''N, 0°34'14.02''E",
                        "point in time": "11 July 1978";
                        "numer of injured": "200",
                        "number of death": "217",


                }


}


Example 5: Sports: World Cup
 {
                "FIFA World Cup 2014": {
                        "event-type": "sport",
                        "country": "Brazil",
                        "part of": "FIFA World Cup",
                        "number of participants":"32",
                        "start-time": "12 June 2014",
                        "end time": "13 July 2014",
                        "games played": "64",
```

```
                    "goals scored": "166",
                    "attendance":"3,386,810",
                    "goals": {
                              "Germany": {
                                          "goals scored": 46,
                                          "goals conceded": 28
                              },
                              "Netherlands": {
                                          "goals scored": 15,
                                          "goals conceded": 4
                              }
                              "Colombia": {
                                          "goals scored": 12,
                                          "goals conceded": 4
                              }
                    }
          }
}
```

Example 6: Catastrophic: Natural Disaster - Floods

```
{
        "2015 Chennai-Tamilnadu flood": {
                "event-type": "Natural disaster",
                "country": "India",
                "location": "Chennai",
                "coordinate location": "13° 5′ 0″ N, 80° 16′ 0″ E",
                "start-time": "8 November 2015",
                "end-time": "14 December 2015",
                "number of deaths": "421",
                "number of victims": "1.764 million, unofficial estimates",
                "property damage": "US$2.2 billion-US$7.5+ Billion, unofficial estimates",
                "highest rainfall recorded": "1,049 mm (41.3 in)"
        }
}
```

Example 7 Catastrophies - Man-made - Accident/Terrorist

```
{
                "Germanwings Flight 9525 Crash": {
                        "event-type": "plane crash",
                        "date":"24.03.2015",
                        "aircraft type":"Airbus A320-211"
                        "operator":"German wings",
```

```
                        "caused by":"Andreas Lubitz",
                        "location":"Nice",
                        "people killed": {
                                "passangers": 144,
                                "crew": 6
                        }
}

Example 8: Natural Disaster: Earthquake
{
        "2004 Indian Ocean earthquake" : {
                "event-type" : ["earthquake", "tsunami"],
                "date" : "26.12.2004",
                "time" : "00:58:53 UTC",
                "epicenter" : {
                        "latitude" : "3.316°N",
                        "longitude" : "95.854°E"
                },
                "wave height" : {
                        "value" : 30,
                        "unit" : "meter"
                },
                "moment magnitude" : "9.1-9.3",
                "Mercalli intensity" : "IX",
                "affected areas" : [
                        "Indonesia",
                        "Sri Lanka",
                        "India",
                        "Thailand",
                        "Maldives",
                        "Somalia"
                ],
                "casualties" : {
                        "min" : 230000,
                        "max" : 280000
                }
        }
}
```

Example 9: Sports: Seasons: Fußball-Bundesliga
```
{
        "Fußball-Bundesliga 2010/2011" : {
                "Country" : "Germany",
                "season number" : 48,
                "start of season" : "21.08.2010",
                "end of season" : "14.05.2011",
                "matches played" : 306,
                "goals scored" : 894,
                "first placed team" : "Borussia Dortmund",
                "relegated teams" : [
                        "Eintracht Frankfurt",
                        "FC St. Pauli"
                ] ,
                "top goalscorer" : "Mario Gomez",
                "average attendance" : 42101,
                "participating teams" : [
                        "Borussia Dortmund",
                        "Bayer 04 Leverkusen",
                        "Bayern Munich",
                        "Hannover 96",
                        "FSV Mainz 05",
                        "1. FC Nürnberg",
                        "1. FC Kaiserlautern",
                        "Hamburger SV",
                        "SC Freiburg",
                        "1. FC Köln",
                        "1899 Hoffenheim",
                        "VfB Stuttgart",
                        "Werder Bremen",
                        "Schalke 04",
                        "VfL Wolfsburg",
                        "Borussia Mönchengladbach",
                        "Eintracht Frankfurt",
                        "FC St. Pauli"
                ],
                "highest scoring games" : [
                        {
                                "home team" : "Bayer 04 Leverkusen",
```

```
                              "away team" : "Borussia Mönchengladbach",
                              "home score" : 3,
                              "away score" : 6
                    }, {

                              "home team" : "FC St. Pauli",
                              "away team" : "Bayern Munich",
                              "home score" : 1,
                              "away score" : 8
                    }
          ],
     }
}
```

Example 10. Political Conflicts: Thailand crisis 2013-14
```
{
     "Thailand political crisis 2013-14": {
          "Instance of": [
                    "political conflicts",
                    "civil disorder",
                    "protest"
                    ],
          "country": "Thailand",
          "start time": "31 October 2013",
          "end time": "22 May 2014",
          "location": "Thailand",
          "number of deaths": "28",
          "number of injured": "825",
          "number of arrested": "12"
          "Lead figures": [
                              "Suthep Thaugsuban",
                              "Yingluck Shinawatra",
                              "Niwatthamrong Boonsongpaisan"
                    ]
     }
}
```

Example 11: Military conflict
```
{
        "Sharia Conflict with Boko Haram" : {
                "event-type" : ["war", "insurgency","terrorism"],
                "date" : "2009",
                "continent" : "Africa",
                "Location" : [
                        "Chad",
                        "Kamerun",
                        "Niger",
                        "Nigeria"
                ],
                "number of deaths" : "21000",
                "number of deaths in 2015" : "11651",
                "number of deaths in 2016" : "918",
                "Reason of conflict" : "sharia"
        }
}
```

Example 12: Landslide
```
{
        "Rio de Janeiro landslide" : {
                "event-type" : ["landslide", "mudslide","flood"],
                "start date" : "11.01.2011",
                "end date" : "12.01.2011",
                "number of deaths" : "903",
                "Property damage" : "1200000000 USD",
                "People lost home" : "1000",
                "Locations" : [
                        "Brazil",
                        "Nova Friburgo",
                        "Petrópolis",
                        "Sao José do Vale do Rio Preto",
                        "State of Rio de Janeiro",
                        "Sumidouro",
                        "Teresópolis"
                ]
}
```

Example 13: Election

```
Election: {
  PreviousElection: Election,
  PositionContested: Positions,
  Country: String,
  Result: ResultObject
}
PartyResult:{
  VotePercentage: Float,
  Rank: Integer,
  Leader: Name,
  PoliticalParty: Party
}
CandidateResult:{
  VotePercentage: Float,
  Rank: Integer,
  Name: Name,
  PoliticalParty: Party
}
"Election in RhinelandPfalz":{
  "PreviousElection": "Rhineland-Palatinate state election, 2011",
  "PositionContested": "Landtag of Rhineland-Palatinate",
  "Country": "Germany",
  "Result": {
    "1st Place":{
      "VotePercentage":36.2,
      "Rank": 1,
      "Candidate": "Malu Dreyer",
      "PoliticalParty":"SPD"
    },
    "2nd Place":{
      "VotePercentage":35.2,
      "Rank": 2,
      "Candidate": "Julia Klockner",
      "PoliticalParty":"CDU"
    }
  }
}
```

Religious Event.

```
"Nashik Kumbh Mela 2015":{
  "StartDate": "14th July 2015"
  "Duration": "2 month 10 days"
  "Name": "Nashik-Trimbakeshwar Simhastha"
  "Religion": "Hinduism"
  "Place": "Nashik"
  "Frequency": "12 years"
  "PreviousEvent": "Nashik Kumbh mela 2013"
  "RelatedEvent": {
  "Haridwar Kumbh Mela",
  "Prayag Kumbh Mela"
  }
  "Attendance":
}
```

List of Real Wiki Data Items

1) 2004 Indian Ocean earthquake (Q130754)

Label: 2004 Indian Ocean earthquake (4 Words)
Description: megathrust earthquake and subsequent tsunami on 26 December 2004 (9 Words)

Properties

number of casualties: 280,000

Commons category: 2004 Indian Ocean tsunami
instance of: earthquake, tsunami

point in time: 26 December 2004

coordinate location: 0°N, 89°E

image: 2004 Indian Ocean earthquake - affected countries.png

country: Indonesia

Commons gallery: 2004 Indian Ocean earthquake

Freebase ID: /m/04t43t

2) Los Alfaques disaster (Q1250976)

Label: Los Alfaques disaster (3 Words)
Description: traffic accident (2 Words)

Properties

coordinate location (P625): 40°35'43.1''N, 0°34'14.02''E
                              reference
                              imported from (P143) Dutch Wikipedia (Q10000)

 instance of (P31): traffic accident

point in time (P585): 11 Juli 1978
                      reference
                      imported from (P143) English Wikipedia (Q328)

number of deaths (P1120): 217
                      reference
                      imported from (P143) English Wikipedia (Q328)

number of injured (P1339): 200
                      reference
                      imported from (P143) English Wikipedia (Q328)

location (P276): Tarragona
                      reference
                      imported from (P143) English Wikipedia (Q328)

country (P17): Spain

        reference
        imported from (P143) English Wikipedia (Q328)

Identifiers

Freebase ID (P646): /m/02prtr3

        reference
        stated in (P248) Freebase Data Dumps (Q15241312)
        publication date (P577) 28 October 2013

Wikipedia (11 entries)

ca: Accident del càmping Los Alfaques
de: Tanklastzugunglück von Los Alfaques
en: Los Alfaques disaster
es: Accident del camping de Los Alfaques
…
Wikivoyage (0 entries)
Wikibooks (0 entries)
…

This page was last modified on 3 May 2016, at 15:36.

3) **Charlie Hebdo shooting** (Q18718876)
Label: depending on language on average 3-4 words
Description: spree shooting incident and subsequent further attacks in Paris, France, from 7 January to 9 January 2015 (16 words, in comparison to other descriptions rather long)

Statements:

- Located in the administrative territorial entity:

    - Paris

    - 11th arrondissement of Paris

- Cause of:

    - International reactions to the Charlie Hebdo shooting

    - Republican marches

- Movement:

    - Islamic terrorism

- Part of:
    - 2015 Île-de-France attacks
    - Terrorism in France
- Instance of:
    - Assassination
    - Mass murder
    - Terrorist attack
- Point in time
    - 7 January 2015
- Target:
    - Charlie Hebdo
- Coordinate location:
    - 48°51'33"N, 2°22'13"E
- Location:
    - 10, Rue Nicolas-Appert
- Number of injured:
    - 11
        - Applies to part:
            - Philippe Lancon
            - Fabrice Nicolino
            - Laurent Sourisseau
- Number of deaths:
    - 12
        - Applies to part:
            - Cabu
            - Charb
            - Philippe Honore
            - Tignous
            - Georges Wolinski
            - Bernhard Maris
            - Elsa Cayat
            - Mustapha Ourrad

- Michel Renaud

- Country:

- France

4) **November 2008 Mumbai attacks (Q76421)**

Statements

instance of (Property:P31) : terrorist attack (Q5710433)
    Commons category (Property:P373) : November 2008 Mumbai attacks
    Country (Property:P17) : India (Q668)
    topic's main category (Property:P910): Category:2008 Mumbai attacks (Q8194451)
    coordinate location (Property:P625): 18°57'N, 72°49'E
    image (Property:P18): Bombaymapconfimed attacks.png

Identifiers

    Freebase ID (Property:P646): "/m/04zy_sq" – "https://www.freebase.com/m/04zy_sq"
    IMDb ID (Property:P345): tt1465510 – "http://www.imdb.com/title/tt1465510/"

5) **September 11 attacks** (Q10806)
Label: average 3-5 words
Description: terrorist attack on the usa (5-9 words - average)

Statements
number of injured: 6000
image: …
Point in time: 11 September 2001
Commons category: September 11 attacks
Instance of:
    suicide attack
    aircraft hijacking
    terrorist attack
    mass murder
Target:
    World Trade Center
    7 World Trade Center
    The Pentagon

coordinate location: 40°42'46"N, 74°0'50"W
country: USA
Mustatat ocn: Category:September 11 attacks
Number of deaths: 2996
Location:
 Arlington Country
 New York City
Said to be the same as: Q21199792

Identifiers
BNCF Thesaurus: 35792
GND ID: 4667841-4
NDL ID: 00956404
Freebase ID: /m/0d0vp3
Encyclopaedia Britannica Online ID: event/September-11-attacks

6) 2005 Equatorial Express crash (Q4604214)

Label: 2005 Equatorial Express crash (4 words)
Description: plane crash in Equatorial Guinea (5 words)

Statements:
Instance of: aviation accident
Point in time: 5 July 2005
Country: Equatorial Guinea
Operator: Equatair

7) United States presidential election, 2008 (Q45578)

Label: United States presidential election, 2008
Description: 56th quadrennial presidential election

Statements:
Commons category: United States presidential election, 2008
Instance of: United States presidential election
Point in time: 4 November 2008
Successful candidate: Barack Obama
Topic's main category: Category: United States presidential election, 2008
Followed by: United States presidential election, 2012
Follows: United States presidential election, 2004
Office contested: President of the United States of America
Country: United States of America
Candidate:
 Barack Obama

John McCain
Ralph Nader
Bob Barr
Chuck Baldwin
Cynthia McKinney

Identifiers:
Freebase ID - /m/024jvz

8. Coldplay Live 2012 (Q7556635)

Label: Coldplay Live 2012 (3 words)
Description: Official documentation of the Mylo Xyloto Tour, performed, recorded and released by British alternative rock band Coldplay (17 words)

Statements:
Instance of:
      Film
      Live album
Cast member:
      Chris Martin
      Jonny Buckland
      Guy Berryman
      WIll Champion
      Phil Harvey
      Rihanna
Based on: Mylo Xyloto Tour
Publication date: 2012
Performer: Coldplay
Original language of work: English
Title Coldplay Live 2012 (English)
Country of origin: United Kingdom
Follows: Mylo Xyloto
Followed by: Ghost Stories
Director: Paul Dugdale
Distributor: Parlophone Reocords

Identifiers:
Freebase ID: /m/0n4c1m1

5 real sources

1)   **Nytimes.com** - The information quality is good and API's are also good to use.

2)   **Bbc.co.uk -** Provides RSS feeds to gather data and is one of the reliable source

3)   **Dw.com -** Focuses more on European region

4)   **Aljazeera.com -** provides confilicting facts from western sources

5)   **Fox.com -** provides really right side of political spectrum and generally considered less reliable

What sources are referenced in Wikidata?
- Wikipedia
- Wikibooks
- Wikinews
- Wikiquote
- Wikisource
- Wikiversity
- Wikivojage
- Wikimedia commons
- Freebase Data Dumps
- Different news pages

List of Event Vocabularies

S.No	WikiData	Schema.org	Link Open Vocabulary(LOV)
1	number of casualties	-	-
2	event-type	additionalType*	
3	Instance of	superEvent	
4	country	-	
5	location	location	
6	Point in time	doorTime	
7	participant	attendees	

8	startTime	startDate	
9	endTime	endDate	
10	organizer	organizer	

Wikidata.org
Linkedevents.org
Dublincore.org
Lov.okfn.org
Microformats.org
schema.org

Only wikidata doesn't contain Event properties that are time related. Only microformats.org's doesn't provide properties related to organizators/participants/people involved with the event.

> common properties - location

wikidata.org

-generic events-

>location
organizer
participant
public holiday
attendance
winner
number of missing
has immediate cause
has contributing factor
end cause
used by
immediate cause of
contributing factor of

frequency of event

-elections-

candidate
successful candidate
votes received
office contested
total valid votes
eligible voters
elector
electorate

http://linkedevents.org/ (http://linkedevents.org/ontology/)

atPlace
aTime
circa
illustrate
inSpace
involved
involvedAgent

http://dublincore.org/

purpose
location
duration
responsible agents
links related to events
resources

http://lov.okfn.org/dataset/lov/vocabs/event
(http://motools.sourceforge.net/event/event.html#term_props)

agent
factor
literal_factor
place
product

sub_event
time

microformats.org *(http://microformats.org/wiki/h-event)*

p-name
p-summary
dt-start (datetime)
dt-end
dt-duration
p-description
u-url
p-category
p-location
p-attendee

schema.org *(https://schema.org/Event)*

aggregateRating
attendee
doorTime
duration
endDate
eventStatus
inLanguage
location
offers
organizer
performer
previousStartDate
recordedIn
review
startDate
subEvent
superEvent
typicalAgeRange
workFeatured
workPerformed

Classification of Events to take into account while merging.

1) Conflict of statements and values
2) Merging values and statements.

Classification of cases to take into account when merging multi-provenance data about events

Complementary data; data aggregation