

## BIBFRAME 2.0

# Events

DRAFT

October 20, 2015

Library of Congress

*This is one of a set of draft specifications for BIBFRAME 2.0. It was developed by the Library of Congress in consultation with invited experts. Comments welcome.*

This proposal responds to requirements cited in the May 2014 report from AV Preserve: [BIBFRAME AV Modeling Study: Defining a Flexible Model for Description of Audiovisual Resources](#). The examples and recommendations in this proposal are inspired by that report. Informally, an event is something that takes place – a musical performance, football game, battle, radio interview, etc. It occurs at a specific location and on a specific date or time or over a specific date/time interval.

### **Event as Subject of a Work**

Consider a particular battle, for example, the Battle of Iwo Jima (of World War II). There are books and movies about the battle, as well as audio recordings and images of the battle. The battle, itself, is an event. A book or movie about it may be modelled as a BIBFRAME Work, where the battle is a subject of the Work.

### **Content as Work**

We refer to an audio recording, image, etc. of an event as “content associated with the event”, modelled as a BIBFRAME Work. It may “depict” or “capture” the event.

### **Event as Subject of another Event**

One event may be “about” another event. Consider for example a reenactment of a battle (see example 3). The original battle could be the subject of the reenactment.

## **2.0 Proposal**

### **1. Define class: bf:Event**

- a. A bf:Event may be the subject of a Work.
- b. A bf:Event may be the subject of another bf:Event.
- c. A bf:Event will be described in the same manner as other BIBFRAME Subject Types: the description will include a label, a link, or both. The link is to an external description of the event. In this sense it is analogous to a bf:Person, which may provide a link to some external description of the person. And as BIBFRAME does not specify details of a description of a person, similarly BIBFRAME will not specify details of the description of an event (although the bf:Event may include basic information such as time and place).

### **2. Define class bf:Content, subclass of bf:Work**

Content associated with an Event will be modelled as a BIBFRAME Work.

It should be considered irrelevant whether event content might or might not be *creative* content

### 3. Define properties **bf:depicts** and **bf:captures**

- a. Both are properties of **bf:Content** with expected value **bf:Event**.
- b. **bf:depicts** is a subproperty of **bf:captures** which is a subproperty of **bf:subject**.

## Examples

### Example 1: Battle of Iwo Jima

- **Event**  
“Battle of Iwo Jima”
- **Work 1** (a Text)  
The book “Iwo Jima” by Richard F Newcomb.  
<http://id.loc.gov/resources/bibs/12662176>
  - Subject: the Event.
- **Work 2, Content**  
The image <http://www.nationalww2museumimages.org/web-assets/images/iwo-jima-snapshot3.jpg> (represented as hypothetical BIBFRAME Work <http://www.example.org/bibframeWork/Images/IwoJima> )
  - Depicts: the Event.

```
<http://id.loc.gov/resources/bibs/12662176>
a          bf:Work ; bf:Text
bf:title   [rdfs:label “Iwo Jima” ] ;
bf:subject <http://id.loc.gov/authorities/subjects/sh85069136> .

<http://id.loc.gov/authorities/subjects/sh85069136>
a          bf:Event ;
rdfs:label “Iwo Jima, Battle of, Japan, 1945” .

<http://www.example.org/bibframeWork/Images/IwoJima>
a          bf:Work , bf:StillImage, bf:Content ;
rdfs:label “Image of the Battle of Iwo Jima” ;
bf:depicts <http://id.loc.gov/authorities/subjects/sh85069136> .
```

Note: <http://id.loc.gov/authorities/subjects/sh85069136> is, in LCSH, a Topic, not an Event, but there is no class Event yet, and thus no real examples of an Event.

### Example 2: Recording of Performance of a Musical Work (Mozart Piano Concerto No. 9)

- **Work 1:** The concerto itself.
- **Event:** The performance of Work 1 (the Concerto).
- **Work 2, Content:** The recording.
  - Captures the performance Event.

```

<http://id.loc.gov/resources/bibs/12662176>
  a          bf:Work , bf:NotatedMusic;
  bf:title   [rdfs:label " Piano Concerto No.9 in E-flat major, K.271" ] ;
  rel:cmp    [rdfs:label "Mozart" ] .

<http://bibframe.example.org/events/mozartPC9Perf>
  a          bf:Event; # the performance
  rdfs:label "Mitsuko Uchida plays piano and Jeffrey Tate conducts the
             Mozarteum Orchestra in Mozart's Piano Concerto No. 9 –
             Jeunehomme, in E flat major, K. 271. A Salzburg Festival
             performance, recorded in the Mozarteum, Salzburg, 1989"
  bf:place   [rdfs:label "Salzburg" ] ;
  bf:date    "1989" .

<http://bibframe.example.org/works/mozartPC9PerfRecording>
  a          bf:Work, bf:Audio, bf:Content ; # the published recording
  bf:title   # title assigned by the producer.
             [rdfs:label "Mitsuko Uchida plays piano and Jeffrey Tate
             conducts the Mozarteum Orchestra" ] ;
  bf:captures <http://bibframe.example.org/events/mozartPC9Perf> .

```

### Example 3: Re-enactment of the Battle of Gettysburg

There are two events in this scenario: the original battle and the reenactment. The reenactment was recorded on video. The reenactment has as its subject, the original battle; thus an example of an event whose subject is another event. (In this case the later event “depicts” the earlier event, but bf:event is a subproperty of bf:subject.)

- **Event 1:** “Battle of Gettysburg”.
  - Location: Gettysburg, Pennsylvania
  - Year: 1863
- **Event 2:** Re-enactment of Event 1.
  - Location: Philadelphia, Pennsylvania
  - Year: 2013
  - Subject: Event 1
- **Work 1 :** The book “Brigades of Gettysburg: The Union and Confederate Brigades at the Battle of Gettysburg”
  - Subject: Event 1
- **Work 2, Content:** Video of reenactment.
  - Captures: Event 2

<<http://bibframe.example.org/works/Work1>>

a bf:Work ;  
bf:title [rdfs:label "Brigades of Gettysburg: The Union and Confederate  
Brigades at the Battle of Gettysburg" ] ;  
bf:subject <<http://example.com/events/battleOfGettysburg>> .

<<http://example.com/events/battleOfGettysburg>>

a bf:Event ;  
rdfs:label "Battle of Gettysburg" ;  
bf:place [rdfs:label "Gettysburg, Pennsylvania" ] ;  
bf:date "1863" .

<<http://example.com/events/reenactmentOfBattleOfGettysburg>>

a bf:Event ;  
rdfs:label "Reenactment of Battle of Gettysburg" ;  
bf:place [rdfs:label "Philadelphia, Pennsylvania" ] ;  
bf:date "2013" ;  
bf:depicts <<http://example.com/events/battleOfGettysburg>> ] .

<<http://bibframe.example.org/works/videos/reenactmentOfBattleOfGettysburg>>

a bf:Work , bf:Content ;  
rdfs:label "Video of reenactment Of Battle Of Gettysburg" ;  
bf:captures <<http://example.com/events/reenactmentOfBattleOfGettysburg>> .