

Artist Roles and DisplayCredits

ERN-4 as well as the RIN 1.1 file format supports rich communication of roles and credits information. This supports the presentation of "liner notes" to consumers as well as classification of what a specific `Contributor` did in the process of writing or recording the music.

The main fields for this are `Role`, `InstrumentType` and `DisplayCredits`. While the former two are allowed value sets (that can be overwritten or specialised with a `user-defined value`, the latter is a free-form string. This article provides guidance on how to use these elements in conjunction with the name of the `Contributor` in question.

`DisplayCredits` are intended to be shown, where deemed appropriate by the DSP, to end-users as a replacement for the Party's name and their `Role`.

One simple example of these fields is shown below:

```
<SoundRecording>
...
<Contributor SequenceNumber="1">
  <ContributorPartyReference>P12345</ContributorPartyReference>
  <Role>ComposerLyricist</Role>
  <Role>Musician</Role>
  <InstrumentType>Guitar</InstrumentType>
  <InstrumentType>Voice</InstrumentType>
  <DisplayCredits>John: Music (melody and words), Vocals and
Guitar</DisplayCredits>
</Contributor>

<Contributor SequenceNumber="2">
  <ContributorPartyReference>P54321</ContributorPartyReference>
  <Role>ComposerLyricist</Role>
  <Role>Musician</Role>
  <Role>BackgroundVocalist</Role>
  <InstrumentType>Drums</InstrumentType>
  <DisplayCredits>Paul: Music and Drums</DisplayCredits>
</Contributor>

<Contributor SequenceNumber="3">
  <ContributorPartyReference>P15243</ContributorPartyReference>
  <Role>BackgroundVocalist</Role>
  <DisplayCredits>Additional vocals provided by Yoko</DisplayCredits>
</Contributor>
...
</SoundRecording>
```

As shown above, the `DisplayCredits` does include the name of the credited `Contributor`. This is to allow the "credited name" to differ from the official name the `Contributor` uses.

Note that in the second `Contributor` one of the formally identified roles (`BackgroundVocalist`) is not mentioned in the `DisplayCredits` string. This indicates that the background vocalisations are considered as not important enough to be worthy of inclusion in the display credit string — but as Paul did perform as a `BackgroundVocalist`, his contribution is listed.

Multiple Credits

If, for one `Contributor` there are multiple `DisplayCredits`, there are two possible approaches. If the label wishes the DSP to be able to directly link a `RoleCode/InstrumentType` combination to a specific `DisplayCredits` string, it may be necessary to create two (or more) `Contributor` composites. This is shown in the example on the left.

If, however, a direct mapping from a specific `RoleCode/InstrumentType` combination to a specific `DisplayCredits` string is **not** required, multiple `DisplayCredits` strings can be included into a single `Contributor` composite, as shown in the example on the right.

**Communicating Multiple
DisplayCredits**

```
<Contributor  
SequenceNumber="1">  
  
<ContributorPartyReference>P1  
2345</ContributorPartyReferen  
ce>  
  
<Role>ComposerLyricist</Role>  
  <Role>Musician</Role>  
  
<InstrumentType>Guitar</Instr  
umentType>  
  <DisplayCredits>John:  
Music and  
Guitar</DisplayCredits>  
</Contributor>  
<Contributor  
SequenceNumber="2">  
  
<ContributorPartyReference>P1  
2345</ContributorPartyReferen  
ce>  
  <Role>LeadVocalist</Role>  
  <DisplayCredits>John:  
Vocals</DisplayCredits>  
</Contributor>
```

**Do NOT use this approach
Communicating Multiple
DisplayCredits**

```
<Contributor  
SequenceNumber="1">  
  
<ContributorPartyReference>P1  
2345</ContributorPartyReferen  
ce>  
  
<Role>ComposerLyricist</Role>  
  <Role>Musician</Role>  
  <Role>LeadVocals</Role>  
  
<InstrumentType>Guitar</Instr  
umentType>  
  <DisplayCredits>John:  
Music, Vocals and  
Guitar</DisplayCredits>  
  <DisplayCredits>John:  
Noise from the  
mouth</DisplayCredits>  
</Contributor>
```

In addition to the above it is possible to have multiple DisplayCredits in different languages.