

# Communicating Display Artist(s) and Display Artist Name(s)

Display Artist Names and Display Artist roles are a major issue in Release Deliveries. DDEX's profiles define that both a Display Artist Name string, as well as each constituent artist role that is represented in a collaboration, must both be broken out and communicated in their constituent parts.

It is important to note the significant change in the approach to sending the Display Artist Name that occurred in version 3.7 of the Release Notification Message Suite Standard (as well as version 4.3 of the Digital Sales Reporting Suite Standard).

The left column also includes the equivalent samples in ERN-4 syntax.

<b>Examples for New Release Messages from v3.7 onwards</b>	<b>Examples for New</b>
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U2 are listed as the only artist, they are therefore communicated with the `MainArtist` role. "U2" is also the `DisplayArtistName` string, so it is communicated in the `DisplayArtistName` composite.

### Sample for ERN 3.7

```
<SoundRecordingDetailsByTerritory>
...
<DisplayArtist SequenceNumber="1">
  <PartyName>
    <FullName>U2</FullName>
  </PartyName>
  <PartyId Namespace="...">123</PartyId>
  <ArtistRole>MainArtist</ArtistRole>
</DisplayArtist>
...
<DisplayArtistName>U2</DisplayArtistName>
...
</SoundRecordingDetailsByTerritory>
```

### Sample for ERN 4.1

```
<PartyList>
  <Party>
    <PartyReference>P1</PartyReference>
    <PartyName>
      <FullName>U2</FullName>
    </PartyName>
  </Party>
</PartyList>

<ResourceList>
  <SoundRecording>
    ...
    <DisplayArtistName>U2</DisplayArtistName>
    <DisplayArtist>
      <ArtistPartyReference>P1</ArtistPartyReference>
      <DisplayArtistRole>MainArtist</DisplayArtistRole>
    </DisplayArtist>
    ...
  </SoundRecording>
</ResourceList>
```

Since Paul McCartney and Michael Jackson are both listed as artists with equal weight, they are both communicated with the `MainArtist` role. Note also the use of the `SequenceNumber` on the `DisplayArtist` composite to ensure that the artists remain in the same order as on the `DisplayArtistName` string. Please also note the "escaping" of the ampersand.

U2 are listed as the only artist, "U2" is also the `DisplayArtistName` string, so it is communicated in the `DisplayArtistName` composite.

```
<SoundRecording>
...
<DisplayArtist SequenceNumber="1">
  <PartyName>
    <FullName>U2</FullName>
  </PartyName>
  <PartyId Namespace="...">123</PartyId>
  <ArtistRole>MainArtist</ArtistRole>
</DisplayArtist>
...
<DisplayArtistName>U2</DisplayArtistName>
...
</SoundRecording>
```

### Sample for ERN 3.7

```
<SoundRecordingDetailsByTerritory>
...
<DisplayArtist SequenceNumber="1">
  <PartyName>
    <FullName>Paul McCartney</FullName>
  </PartyName>
  <PartyId Namespace="...">123</PartyId>
  <ArtistRole>MainArtist</ArtistRole>
</DisplayArtist>

<DisplayArtist SequenceNumber="2">
  <PartyName>
    <FullName>Michael Jackson</FullName>
  </PartyName>
  <PartyId Namespace="...">123</PartyId>
  <ArtistRole>MainArtist</ArtistRole>
</DisplayArtist>
...
<DisplayArtistName>
  Paul McCartney & Michael Jackson
</DisplayArtistName>
...
</SoundRecordingDetailsByTerritory>
```

Since Paul McCartney and Michael Jackson are both communicated in the same order as on the DisplayArtistName element, the same order as on the DisplayArtistName element.

```
<SoundRecordingDetailsByTerritory>
...
<DisplayArtist SequenceNumber="1">
  <PartyName>
    <FullName>Paul McCartney</FullName>
  </PartyName>
  <PartyId Namespace="...">123</PartyId>
  <ArtistRole>MainArtist</ArtistRole>
</DisplayArtist>

<DisplayArtist SequenceNumber="2">
  <PartyName>
    <FullName>Michael Jackson</FullName>
  </PartyName>
  <PartyId Namespace="...">123</PartyId>
  <ArtistRole>MainArtist</ArtistRole>
</DisplayArtist>
...
<DisplayArtistName>
  Paul McCartney & Michael Jackson
</DisplayArtistName>
...
</SoundRecordingDetailsByTerritory>
```

### Sample for ERN 4.1

```
<PartyList>
  <Party>
    <PartyReference>P1</PartyReference>
    <PartyName>
      <FullName>Paul McCartney</FullName>
    </PartyName>
  </Party>
  <Party>
    <PartyReference>P2</PartyReference>
    <PartyName>
      <FullName>Michael Jackson</FullName>
    </PartyName>
  </Party>
</PartyList>
<ResourceList>
  <SoundRecording>
    ...
    <DisplayArtistName>
      Paul McCartney & Michael Jackson
    </DisplayArtistName>
    <DisplayArtist SequenceNumber="1">
      <ArtistPartyReference>P1</ArtistPartyReference>
      <DisplayArtistRole>MainArtist</DisplayArtistRole>
    </DisplayArtist>
    <DisplayArtist SequenceNumber="2">
      <ArtistPartyReference>P2</ArtistPartyReference>
      <DisplayArtistRole>MainArtist</DisplayArtistRole>
    </DisplayArtist>
    ...
  </SoundRecording>
</ResourceList>
```

Jay-Z is listed as the main artist and is therefore communicated with the `MainArtist` role. Alicia Keys however is a featured artist on the recording, and is therefore is communicated with the `FeaturedArtist` role.

### Sample for ERN 3.7

```
<SoundRecordingDetailsByTerritory>
...
<DisplayArtist SequenceNumber="1">
  <PartyName>
    <FullName>Jay-Z</FullName>
  </PartyName>
  <PartyId Namespace="...">123</PartyId>
  <ArtistRole>MainArtist</ArtistRole>
</DisplayArtist>

<DisplayArtist SequenceNumber="2">
  <PartyName>
    <FullName>Alicia Keys</FullName>
  </PartyName>
  <PartyId Namespace="...">456</PartyId>
  <ArtistRole>FeaturedArtist</ArtistRole>
</DisplayArtist>
...
<DisplayArtistName>Jay-Z feat. Alicia
Keys</DisplayArtistName>
...
</SoundRecordingDetailsByTerritory>
```

Jay-Z is listed as the main ar  
Alicia Keys however is a fea  
communicated with the Feat

```
<SoundRecor
...
<DisplayAr
  <PartyNa
    <FullN
Keys</FullNa
  </PartyN
  <ArtistF
</DisplayF

<DisplayAr
  <PartyNa
    <FullN
  </PartyN
  <PartyId
  <ArtistF
</DisplayF
<DisplayAr
  <PartyNa
    <FullN
  </PartyN
  <PartyId
  <ArtistF
</DisplayF
...
</SoundRecor
```

### Sample for ERN 4.1

```
<PartyList>
  <Party>
    <PartyReference>P1</PartyReference>
    <PartyName>
      <FullName>Jay-Z</FullName>
    </PartyName>
  </Party>
  <Party>
    <PartyReference>P2</PartyReference>
    <PartyName>
      <FullName>Alicia Keys</FullName>
    </PartyName>
  </Party>
</PartyList>
<ResourceList>
  <SoundRecording>
    ...
    <DisplayArtistName>
      Jay-Z feat. Alicia Keys
    </DisplayArtistName>
    <DisplayArtist SequenceNumber="1">
      <ArtistPartyReference>P1</ArtistPartyReference>
      <DisplayArtistRole>MainArtist</DisplayArtistRole>
    </DisplayArtist>
    <DisplayArtist SequenceNumber="2">
      <ArtistPartyReference>P2</ArtistPartyReference>
      <DisplayArtistRole>FeaturedArtist</DisplayArtistRole>
    </DisplayArtist>
    ...
  </SoundRecording>
</ResourceList>
```

Robin Thicke is listed as the main artist and is therefore communicated with the `MainArtist` role. T.I. and Pharrell are featured artists on the recording, and are therefore communicated with the `FeaturedArtist` role. Note again the use of the `SequenceNumber` to ensure that the featured artists remain in the correct order. Please also note the "escaping" of the ampersand.

### Sample for ERN 3.7

```
<SoundRecordingDetailsByTerritory>
...
<DisplayArtist SequenceNumber="1">
  <PartyName>
    <FullName>Robin Thicke</FullName>
  </PartyName>
  <PartyId Namespace="...">123</PartyId>
  <ArtistRole>MainArtist</ArtistRole>
</DisplayArtist>

<DisplayArtist SequenceNumber="2">
  <PartyName>
    <FullName>T.I.</FullName>
  </PartyName>
  <PartyId Namespace="...">456</PartyId>
  <ArtistRole>FeaturedArtist</ArtistRole>
</DisplayArtist>

<DisplayArtist SequenceNumber="3">
  <PartyName>
    <FullName>Pharrell</FullName>
  </PartyName>
  <PartyId Namespace="...">789</PartyId>
  <ArtistRole>FeaturedArtist</ArtistRole>
</DisplayArtist>
...
<DisplayArtistName>
  Robin Thicke feat. T.I. & Pharrell
</DisplayArtistName>
...
</SoundRecordingDetailsByTerritory>
```

Robin Thicke is listed as the first role. T.I. and Pharrell are communicated with the Feature element to ensure that the feature "escaping" of the ampersand

```
<SoundRecording
...
<DisplayArtist
  <PartyName
    <FullName
      Robin
      Pharrell
    </FullName
  </PartyName
  <ArtistRole
</DisplayArtist

<DisplayArtist
  <PartyName
    <FullName
  </PartyName
  <PartyId
  <ArtistRole
</DisplayArtist
<DisplayArtist
  <PartyName
    <FullName
  </PartyName
  <PartyId
  <ArtistRole
</DisplayArtist
<DisplayArtist
  <PartyName
    <FullName
  </PartyName
  <PartyId
  <ArtistRole
</DisplayArtist
...
</SoundRecording
```

### Sample for ERN 4.1

```
<PartyList>
  <Party>
    <PartyReference>P1</PartyReference>
    <PartyName>
      <FullName>Robin Thicke</FullName>
    </PartyName>
  </Party>
  <Party>
    <PartyReference>P2</PartyReference>
    <PartyName>
      <FullName>T.I.</FullName>
    </PartyName>
  </Party>
  <Party>
    <PartyReference>P3</PartyReference>
    <PartyName>
      <FullName>Pharrell</FullName>
    </PartyName>
  </Party>
</PartyList>
<ResourceList>
  <SoundRecording>
    ...
    <DisplayArtistName>
      Robin Thicke feat. T.I. & Pharrell
    </DisplayArtistName>
    <DisplayArtist SequenceNumber="1">
      <ArtistPartyReference>P1</ArtistPartyReference>
      <DisplayArtistRole>MainArtist</DisplayArtistRole>
    </DisplayArtist>
    <DisplayArtist SequenceNumber="2">
      <ArtistPartyReference>P2</ArtistPartyReference>
      <DisplayArtistRole>FeaturedArtist</DisplayArtistRole>
    </DisplayArtist>
    <DisplayArtist SequenceNumber="2">
      <ArtistPartyReference>P3</ArtistPartyReference>
      <DisplayArtistRole>FeaturedArtist</DisplayArtistRole>
    </DisplayArtist>
    ...
  </SoundRecording>
</ResourceList>
```

The final example illustrates use of a collaboration that doesn't use the usual "&" or "feat." joiners.



### Sample for ERN 3.7

```
<SoundRecordingDetailsByTerritory>
...
<DisplayArtist SequenceNumber="1">
  <PartyName>
    <FullName>Yo-Yo Ma</FullName>
  </PartyName>
  <PartyId isISNI="true">0000000109615907</PartyId>
  <ArtistRole>MainArtist</ArtistRole>
</DisplayArtist>

<DisplayArtist SequenceNumber="2">
  <PartyName>
    <FullName>London Symphony Orchestra</FullName>
  </PartyName>
  <PartyId Namespace="...">456</PartyId>
  <ArtistRole>MainArtist</ArtistRole>
</DisplayArtist>
...
<DisplayArtistName>
  Yo-Yo Ma with the London Symphony Orchestra
</DisplayArtistName>
...
</SoundRecordingDetailsByTerritory>
```

The final example illustrates joiners.

```
<SoundRecordingDetailsByTerritory>
...
<DisplayArtist SequenceNumber="1">
  <PartyName>
    <FullName>Yo-Yo Ma</FullName>
  </PartyName>
  <PartyId isISNI="true">0000000109615907</PartyId>
  <ArtistRole>MainArtist</ArtistRole>
</DisplayArtist>

<DisplayArtist SequenceNumber="2">
  <PartyName>
    <FullName>London Symphony Orchestra</FullName>
  </PartyName>
  <PartyId Namespace="...">456</PartyId>
  <ArtistRole>MainArtist</ArtistRole>
</DisplayArtist>
...
<DisplayArtistName>
  Yo-Yo Ma with the London Symphony Orchestra
</DisplayArtistName>
...
</SoundRecordingDetailsByTerritory>
```

### Sample for ERN 4.1

```
<PartyList>
  <Party>
    <PartyReference>P1</PartyReference>
    <PartyName>
      <FullName>Yo-Yo Ma</FullName>
    </PartyName>
  </Party>
  <Party>
    <PartyReference>P2</PartyReference>
    <PartyName>
      <FullName>London Symphony Orchestra</FullName>
    </PartyName>
  </Party>
</PartyList>
<ResourceList>
  <SoundRecording>
    ...
    <DisplayArtistName>
      Yo-Yo Ma with the London Symphony Orchestra
    </DisplayArtistName>
    <DisplayArtist SequenceNumber="1">
      <ArtistPartyReference>P1</ArtistPartyReference>
      <DisplayArtistRole>MainArtist</DisplayArtistRole>
    </DisplayArtist>
    <DisplayArtist SequenceNumber="2">
      <ArtistPartyReference>P2</ArtistPartyReference>
      <DisplayArtistRole>MainArtist</DisplayArtistRole>
    </DisplayArtist>
    ...
  </SoundRecording>
</ResourceList>
```

Whichever version you use, the approaches above assume that the message sender follows the best practise approach of storing the individual entity relationships to resources and releases, as well as the concatenated display entities. It also assumes that companies have identifiers for each of these entities that can be included in the message.