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Subject: Balise / baliseGroups : structure & attributes  
Posted by [pierre.simon](#) on Wed, 04 Jul 2012 17:23:33 GMT  
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Conceptually a balise belongs to one and only one balise group. So why not create the parent node <baliseGroup> having a list of 1..8 balises ?

On top of that, attributes like countryID which today is attached to <balise> could be move the parent node <baliseGroup> (+ some additional attributes like

- idBaliseGroup
- its type (in Belgium we have Infill Balise Group / Signal Balise Group / Technical Fixed Balise Group / Technical Switchable Balise Group)
- its reference to the signal (xs:IDRef)

Plus a balise group will have some function(s) and textMessage(s)

For instance we can have:

```
<baliseGroup id="id1" name="d" pos="4" dir="up" absPos="4"
application="ETCS" nidBg="1" nidC="251" type="IBG" signalRef="id12873">
  <balise baliseType="Fixed" nPig="1"/>
  <balise baliseType="Switchable" nPig="0"/>
</baliseGroup>
```

Is it possible to review the model of the <baliseGroup> element in the next railML version ?

[de: Eine Balise gehoert immer zu einer Balisengruppe. Somit koennte man Attribute der Balisen in die Balisengruppe verschieben, um sie nicht in der Balise zu wiederholen. Es koennen bis zu 8 Balisen pro Balisengruppe erscheinen.]

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----- posted via PHP Headliner -----

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