

```
message Document {
  required int64 DocId;
  repeated group Name {
    repeated group Language {
      required string Code;
      optional string Country;
    }
    optional string Url;
  }
}
```

DocId: 10
Name:
 Language:
 Code: 'en-us'
 Country: 'us'
 Language:
 Code: 'en'
 Url: 'http://A'
Name:
 Url: 'http://B'
Name:
 Language:
 Code: 'en-gb'
 Country: 'gb'

DocId		
value	r	d
10	0	0
20	0	0

Name.Url		
value	r	d
http://A	0	2
http://B	1	2
NULL	1	1
http://C	0	2

DocId: 20
Name:
 Url: 'http://C'

Name.Language.Code		
value	r	d
en-us	0	2
en	2	2
NULL	1	1
en-gb	1	2
NULL	0	1

Name.Language.Country		
value	r	d
us	0	3
NULL	2	2
NULL	1	1
gb	1	3
NULL	0	1