1 Protobuf Listing

Listing 1: Protocol Buffers message declaration using `protobuf/lang` and the style in `protobuf/style`.

```
1 package com.example.search;
2
3 import "myproject/other_things.proto";
4 import public "new_thing.proto";
5
6 // This file declares some protobuf messages. This ↩
    comment is so long, that 'listings.sty' will break the↩
    line
7
8 message SearchRequest {
9   required string query         = 1;
10
11  // Which page number do we want
12  optional int32 page_number    = 2;
13
14  // Number of results to return per page
15  optional uint32 result_per_page = 3 [default = 10];
16
17  repeated int64 samples        = 4 [packed=true];
18
19  enum Corpus {
20    option allow_alias = true;
21    UNIVERSAL = 0;
22    WEB       = 1;
23    IMAGES    = 2;
24  }
25  optional Corpus corpus        = 5 [default = ↩
    UNIVERSAL];
26 }
27
28 message Foo {
29  oneof thingy {
30    string name = 4;
31    bool person = 5;
32  }
33
34  reserved 2, 15, 9 to 11;
35  reserved "foo", "bar";
36  extensions 1000 to max;
37 }
```