



Style Guide

This document provides a style guide for `.proto` files. By following these conventions, you'll make your protocol buffer message definitions and their corresponding classes consistent and easy to read.

Message And Field Names

Use CamelCase (with an initial capital) for message names – for example, `SongServerRequest`. Use `underscore_separated_names` for field names – for example, `song_name`.

```
message SongServerRequest {  
    required string song_name = 1;  
}
```

Using this naming convention for field names gives you accessors like the following:

```
C++:  
const string& song_name() { ... }  
void set_song_name(const string& x) { ... }  
  
Java:  
public String getSongName() { ... }  
public Builder setSongName(String v) { ... }
```

Enums

Use CamelCase (with an initial capital) for enum type names and `CAPITALS_WITH_UNDERSCORES` for value names:

```
enum Foo {  
    FIRST_VALUE = 1;  
    SECOND_VALUE = 2;  
}
```

Each enum value should end with a semicolon, not a comma.

Services

If your `.proto` defines an RPC service, you should use CamelCase (with an initial capital) for both the service name and any RPC method names:

```
service FooService {  
  rpc GetSomething(FooRequest) returns (FooResponse);  
}
```

本页面中的内容已获得[知识共享署名3.0](#)许可，并且代码示例已获得[Apache 2.0](#)许可；另有说明的情况除外。有关详情，请参阅我们的[网站政策](#)。

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