

# GIT - PUSH OPERATION

[http://www.tutorialspoint.com/git/git\\_push\\_operation.htm](http://www.tutorialspoint.com/git/git_push_operation.htm)

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Jerry modified his last commit by using the amend operation and he is ready to push the changes. The Push operation stores data permanently to the Git repository. After a successful push operation, other developers can see Jerry's changes.

He executes the git log command to view the commit details.

```
[jerry@CentOS project]$ git log
```

The above command will produce the following result:

```
commit d1e19d316224cddc437e3ed34ec3c931ad803958
Author: Jerry Mouse <jerry@tutorialspoint.com>
Date: Wed Sep 11 08:05:26 2013 +0530

Changed return type of my_strlen to size_t
```

Before push operation, he wants to review his changes, so he uses the **git show** command to review his changes.

```
[jerry@CentOS project]$ git show d1e19d316224cddc437e3ed34ec3c931ad803958
```

The above command will produce the following result:

```
commit d1e19d316224cddc437e3ed34ec3c931ad803958
Author: Jerry Mouse <jerry@tutorialspoint.com>
Date: Wed Sep 11 08:05:26 2013 +0530

Changed return type of my_strlen to size_t

diff --git a/string.c b/string.c
new file mode 100644
index 00000000..7da2992
--- /dev/null
+++ b/string.c
@@ -0,0 +1,24 @@
+#include <stdio.h>
+
+size_t my_strlen(char *s)
+
+{
+    +
+    char *p = s;
+    +
+    while (*p)
+    + ++p;
+    + return (p - s );
+    +
+}
+
+int main(void)
+
+{
+    + int i;
+    + char *s[] =
+    {
+        + "Git tutorials",
+        + "Tutorials Point"
+        +
+    };
+    +
+}
```

```
+  
+  
for (i = 0; i < 2; ++i)  
printf("string lenght of %s = %lu\n", s[i], my_strlen(s[i]));  
+  
+  
return 0;  
+  
}
```

Jerry is happy with his changes and he is ready to push his changes.

```
[jerry@CentOS project]$ git push origin master
```

The above command will produce the following result:

```
Counting objects: 4, done.  
Compressing objects: 100% (3/3), done.  
Writing objects: 100% (3/3), 517 bytes, done.  
Total 3 (delta 0), reused 0 (delta 0)  
To gituser@git.server.com:project.git  
19ae206..d1e19d3 master -> master
```

Jerry's changes have been successfully pushed to the repository; now other developers can view his changes by performing clone or update operation.