# **Git - Push Operation**

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.

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| --- |
| [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 0000000..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.