FOSS IIST

FOSS Group, IIST

FOSS - **F**ree and **O**pen **S**ource **S**oftware

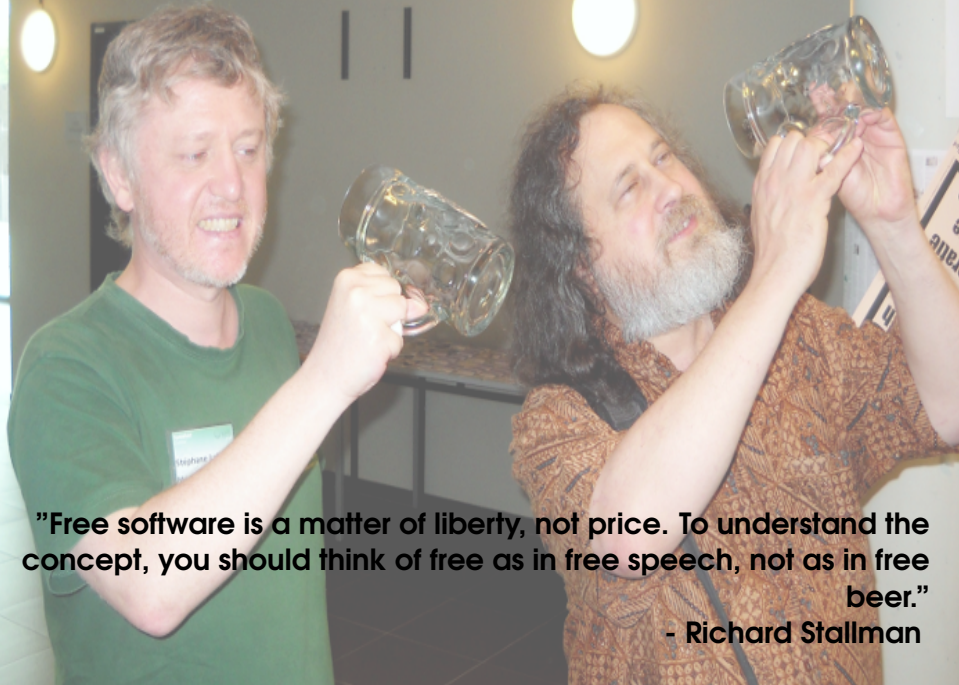# FOSS - Free and Open Source Software

open source
initiative

GNU - GNU's Not Unix

GNU Project - initiated by **Richard Stallman** in 1983

Free Software - Software that **respects** the user's freedom and the social solidarity of his community

"Free software is a matter of liberty, not price. To understand the concept, you should think of free as in free speech, not as in free beer."
- Richard Stallman

Advantage with FOSS

Authorized to distribute and/or publish the modified or unmodified source code since it is **openly shared**

```c
/**
 * Author:    FOSS Group, IIST
 * Created:   24 August 2016
 *
 **/

#include<stdio.h>

int main(int argc, char const *argv[]){

  printf("Hello FOSS Group, IIST\n");

    return 0;
}
```

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GNU **P**ublic **L**icense - Provides "copyleft" licenses with freedom
than restricting the freedom through "copyrights"

GPL - Kinds of freedom

◊ Freedom to run the program for any purpose

◊ Freedom to study how the program works

◊ Freedom to redistribute copies

◊ Freedom to improve the program and release improvements to the public

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Driving Motto : "Knowledge is a common heritage of mankind, and thus software, a form of knowledge, has to be free and accessible to all"

OSS in India

GoI adopting a comprehensive and supportive OS policy (March, 2015)

F. No. 1(3)/2014 – EG II

Ministry of Communication & Information Technology

Department of Electronics & Information Technology

Government of India

POLICY

Title of Policy: "**Policy on Adoption of Open Source Software for Government of India**"

What is FOSS Group?