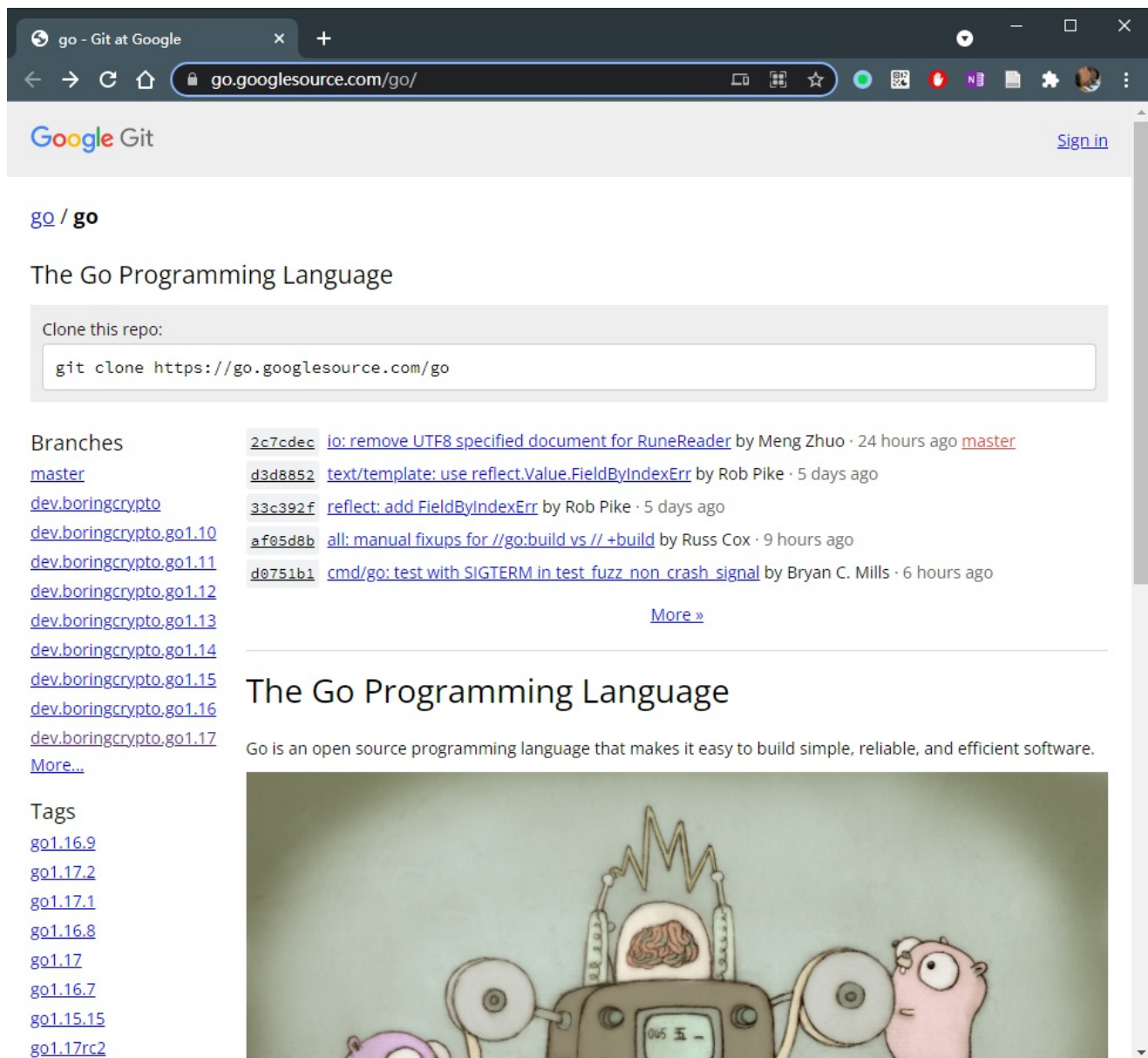


# 作业：如何使用修改后的runtime源码

虽然一般情况下不推荐修改runtime的源码，但是也有公司有这种需求，本节讲解了如何使用修改后的runtime源码。

## 下载Go源码（方法1）



The screenshot shows the Google Source page for the Go Programming Language repository. The browser address bar shows `go.googleusercontent.com/go/`. The page title is "The Go Programming Language". Below the title, there is a "Clone this repo:" section with a text box containing the command `git clone https://go.googlecode.com/go/`. To the left, under "Branches", a list of branches is shown, including `master` and several `dev.boringcrypto` branches. To the right, a list of recent commits is displayed, each with a commit hash, a description, the author, and the time ago. Below the branches, there is a "Tags" section with a list of version tags. At the bottom of the page, there is a cartoon illustration of a robot with a brain in its head, surrounded by various mechanical parts.

- `git clone`

`git clone https://go.googlecode.com/go goroot`

## 下载Go源码（方法2）

- 打开Go下载网站

`https://gomirrors.org/`

- 下载tar源码包

# Golang Downloads Mirrors

## Featured downloads

<b>Microsoft Windows</b> <i>Windows 7 or later, Intel 64-bit processor</i> <b>go1.17.2.windows-amd64.msi</b> (124MB)	<b>Apple macOS</b> <i>macOS 10.10 or later, Intel 64-bit processor</i> <b>go1.17.2.darwin-amd64.pkg</b> (130MB)	<b>Linux</b> <i>Linux 2.6.23 or later, Intel 64-bit processor</i> <b>go1.17.2.linux-amd64.tar.gz</b> (129MB)
<b>Source</b> <b>go1.17.2.src.tar.gz</b> (21MB)		

## 下载Go源码（方法3）

- 课程资料中下载

按照上一小结的方法安装Go环境

安装 gcc（如果需要cgo的话）

- 首先更新包列表

```
sudo apt update
```

- 安装build-essential

```
sudo apt install build-essential
```

- 验证GCC编译器是否已成功安装

```
gcc --version
```

将程序包改名并复制到 HOME/goroot

```
mv go goroot
cp go ~/
cd ~/goroot
```

## 编译 go

```
cd src
./all.bash
```

编译后，GOROOT环境变量应该会自动切换到~/goroot