**Drone motion**

Once you have downloaded and extracted the archive, you find a (fake) log recording drone sensors data.

You need to understand the log and in particular accel and dir abbreviations.

* dir stands for direction and is represented by a 3D vector.
* accel stands for acceleration here and is represented by a float.

You can see that the direction vector is normalized (all of its components have values in [-1,1]).

So all you need to do is read some articles about classical mechanics and implement a step by step simulation using given input and plot the position you obtain for each step.

Looking at the drone trajectory, you can read the flag.

Note: see the exploit/ folder for a working drone-trajectory-drawing tool.

**无人机运动**

下载并解压缩存档后，您会发现一个（伪）日志，其中记录了无人机传感器数据。

你需要了解的日志，尤其是accel和dir缩写。

* dir代表direction3D向量并由3D向量表示。
* accel代表acceleration此处，并以浮点数表示。

您可以看到方向矢量已被规范化（其所有分量的值都在[-1,1]中）。

因此，您要做的就是阅读一些有关经典力学的文章，并使用给定的输入进行逐步仿真，并绘制每个步骤所获得的位置。

查看无人机的轨迹，您可以阅读该标志。

注意：请参阅该exploit/文件夹，以获取有效的无人机航迹绘制工具。