Corobots Readme

Following three tools(with their links) are used for cloud-based team collaboration by the Corobot RIT Team. Request access to all the following tools.

Slack - Collaborative discussion
Trello - Collaborative activity tracking tool
Github - Version Control

Slack

URL: https://corobots.slack.com/

About

This is a team collaboration tool. This is in essence, the dashboard of all activities by the team. Different channels talk about different topics.

Once you log in to the ***corobots.slack*** team page, you can see different **channels** on the left.

Examples

For example, you can post general questions like "any updates on corobot5?", can be posted in **# general**. Everyone as a collaborative-community gets to answer the question.
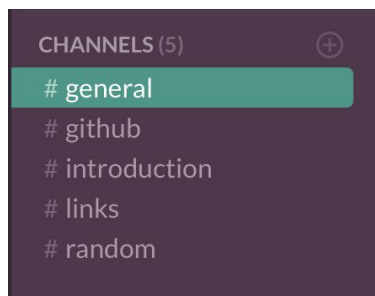
First time users should start with **# introduction**. You will find latest guide to start working with our Robots. **# Links** contain important links, **# github** contains github update, and so forth.

You can also directly message people
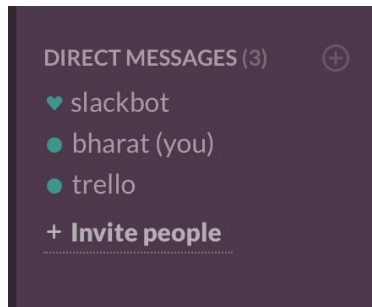
Currently there are 5 channels. The channel **Introduction** contains guide for a new user to start working on Corobots. The channel **github** contains all updates regarding the corobot github changes. Channel **links** contain important links to webpages of resources.
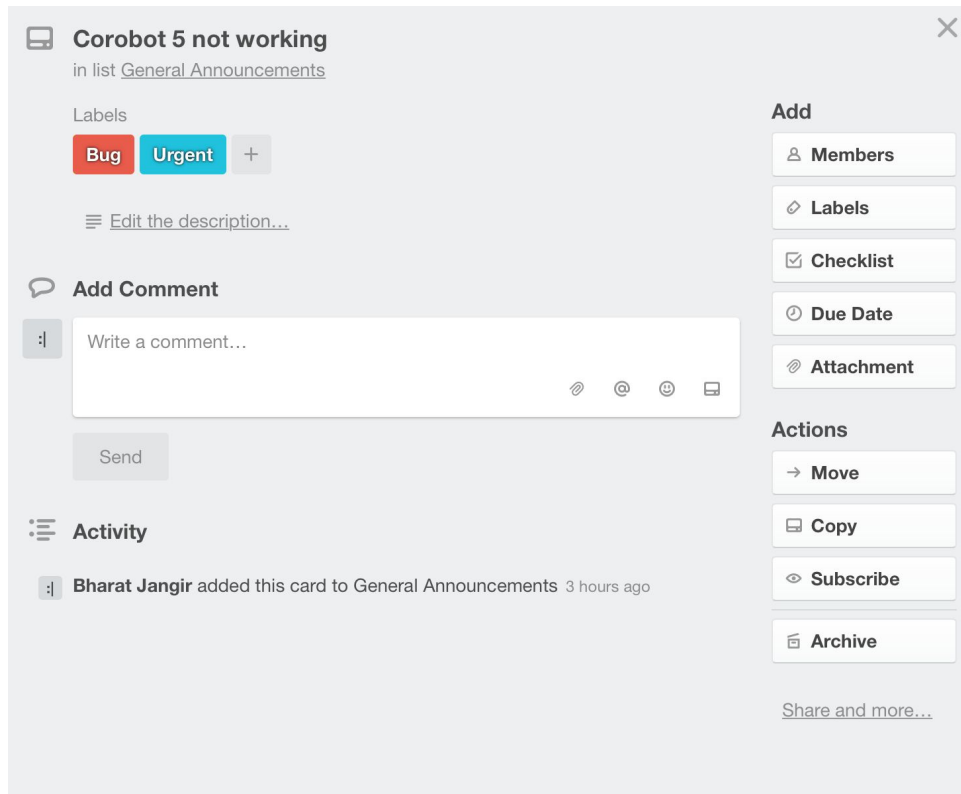
Trello

URL: https://trello.com/corobotteam

About
This is an **activity tracking tool** for the team unlike Slack which is a communication tool.

In one glance, **Trello** tells you **what's** being worked on, **who's** working on what, and **where** something is in a process. This is also important for continuity of your projects
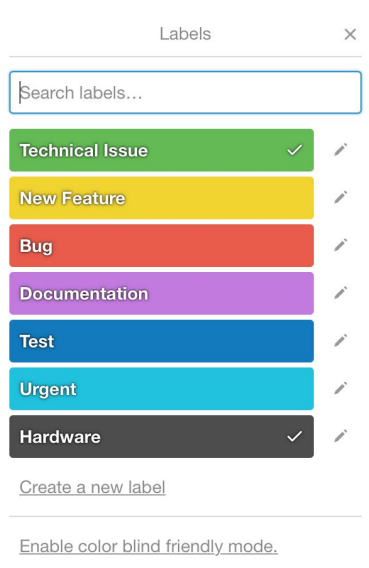
Four Key Terms
@Card- This is the most basic object. You create one card for one task. For example, below is a screenshot of one card. The **@card** is made on the issue "Corobot 5 is not working". It has a **@Label** Bug(Red) and Urgent(Light Blue) associated with it. You can add different attributes to a card like due date, attachments, members, etc.

Corobot 5 not working
in list General Announcements

Labels
Bug   Urgent   +

≡ Edit the description…

💬 **Add Comment**

:| Write a comment…
📎   @   ☺   ▭

Send

≔ **Activity**

:| **Bharat Jangir** added this card to General Announcements 3 hours ago

Add
👤 Members
✎ Labels
☑ Checklist
🕐 Due Date
📎 Attachment

Actions
→ Move
🖥 Copy
👁 Subscribe
🗄 Archive

Share and more…

@Lists- A **@List** contains one or many **@Cards**.

@Board - A **@Board** contains one or many **@Lists**

@Label- These are used to label *type of issue* you are solving. You can associate label based on the type of problem the card is. Following screenshot shows the different labels used.

Labels   ×

Search labels…

Technical Issue   ✓
New Feature
Bug
Documentation
Test
Urgent
Hardware   ✓

Create a new label

Enable color blind friendly mode.

Core concept of the tool

You create a **@board** for each new topic. Think of it like a blackboard for each time your teacher starts a new topic. The board name would describe what is the topic of discussion.

Each **@board** contains **@lists**. Each of these **@list** contain **@cards**.

@List is like a subtopic of the main topic (the name of the board) and **@cards** contain the updates about the topic. This diagram below shows one board(blue) containing different "lists"(green) with multiple cards(white).
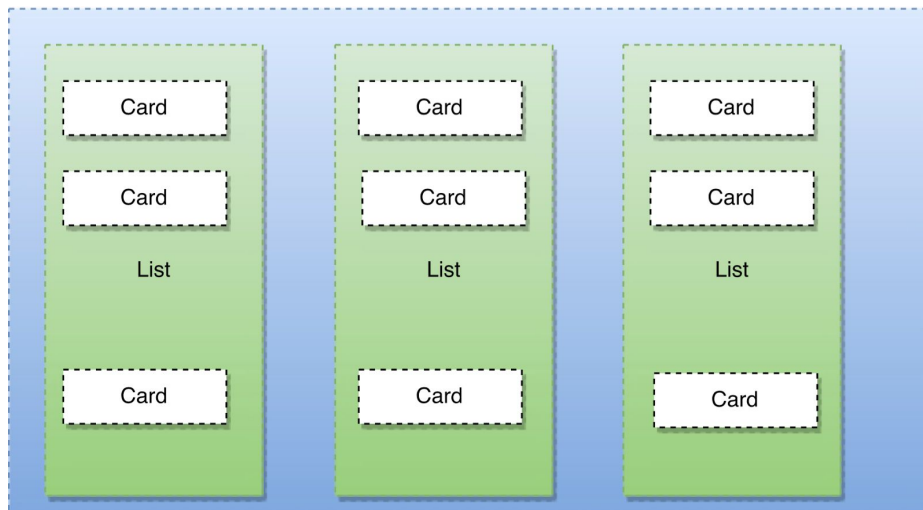
Example

Shown below **@board** named **Corobot** (shown below) is used for team technical updates, general status of the robots and reporting of major updates.
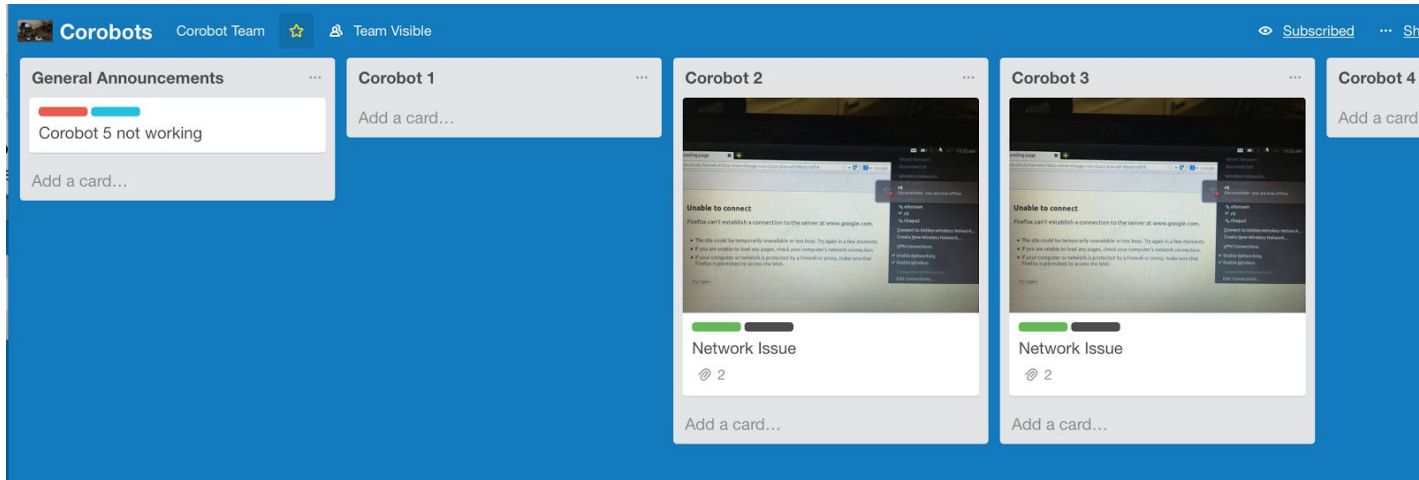
For example at the moment, the Corobot 2 has a network issue and therefore needs to fixed. It is labeled accordingly and also has pictures as attachments to show what the issue is.

Ideally, whenever you would start working. You would go to **@Board Currently working** and create your Project as a **@list**. In the case below, project "iOS Interface" is created in the Currents project. All your individual tasks will go in as **@cards**.

Github

URL: https://github.com/corobotics/corobots
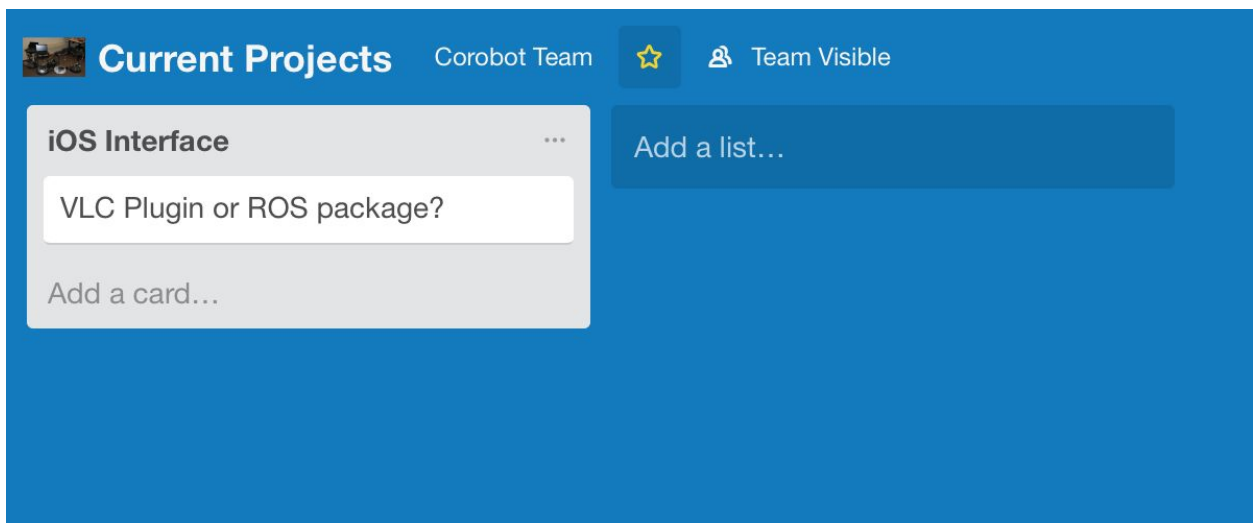
About

Git is an open-source version control system. Read more about it at <u>this</u> link.