

SerialListener

```
import processing.serial.*;
```

```
Serial myPort;
```

```
String val;
```

```
void setup()
```

```
{
```

```
  Init();
```

```
  String portName = Serial.list()[0];
```

```
  myPort = new Serial(this, portName, 9600);
```

```
  myPort.bufferUntil(10);
```

```
}
```

```
void draw()
```

```
{
```

```
}
```

```
void serialEvent (Serial myPort)
```

```
{
```

```
  if ( myPort.available() > 0)
```

```
  {
```

```
    val = myPort.readString();
```

```
    if(val!=null){
```

```
      val = val.substring(0, val.length()-2);
```

```
      if(!val.equals("done")){
```

```
        Add(val);
```

```
        println("adding "+val+"|");
```

```
      }else{
```

```
        Save();
```

```
        println("Done");
```

```
      }
```

```
    }
```

```
  }
```

```
}
```

Saving

```
boolean saved = false;
```

```
ArrayList<String> list;
```

```
String fileName = "out.txt";
```

```
//Output
```

```
void Init(){
```

```
list = new ArrayList<String>();
```

```
}
```

```
void Add(String val){
```

```
list.add(val);
```

```
}
```

```
void Save(){
```

```
saveStrings(fileName, list.toArray(new String[list.size()]));
```

```
}
```