

Colorful Flutter Logs

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3:35 PM



Logging - Logging is the process printing information about your code.

You can install **Logging package** in flutter then create a function where you can define your logs .

1.How to use Logging?

```
void main() async {
```

```
  //logging in flutter
```

```
  initRootLogger();
```

```
  runApp(App());
```

```
}
```

2.Create function

```
void initRootLogger() {
```

```
  Logger.root.level = Level.ALL;
```

```
  Logger.root.onRecord.listen((record) {
```

```
    // set ansi color code
```

```
    var start = '\x1b[90m';
```

```
    const end = '\x1b[0m';
```

```
    const white = '\x1b[37m';
```

```
    switch (record.level.name) {
```

```
      case 'INFO':
```

```
        start = '\x1b[32m';
```

```
        // start = '\x1b[37m';
```

```
        break;
```

```
      case 'WARNING':
```

```
        start = '\x1b[93m';
```

```
        break;
```

```
      case 'SEVERE':
```

```
        start = '\x1b[31m';
```

```
        break;
```

```
      case 'SHOUT':
```

```
        start = '\x1b[41m\x1b[93m';
```

```
        break;
```

```
    }
```

```
    final message =
```

```

        '$white${record.time}:$end$start${record.level.name}:---> ${record.message}$end ' ;
developer.log(
    message,
    name: record.loggerName.padRight(12),
    level: record.level.value,
    time: record.time,
);
});
}

```

3.Then create instance of Logging and use log variable to print logs -

```
final log = Logger('LEAP INDIA');
```

4.You can use now

```

log.info('selection screen');
log.warning('selection screen');
log.severe('selection screen');
log.shout('selection screen');

```

```

2022-12-09 15:38:20.704:INFO:---> selection screen
2022-12-09 15:38:20.707:WARNING:---> selection screen
2022-12-09 15:38:20.710:SEVERE:---> selection screen
2022-12-09 15:38:20.718:SHOUT:---> selection screen

```

// if only enable logging for debug mode

```

if (kDebugMode) {
    Logger.root.level = Level.ALL;
} else {
    Logger.root.level = Level.OFF;
}

```

ANSI CODE---

```

Black("30"),
Red("31"),
Green("32"),
Yellow("33"),
Blue("34"),
Magenta("35"),
Cyan("36"),
White("37");

```

2. You can Print logs in different color using custom function

```
void main() {  
    print('This is a normal message.');
```



```
    printWarning('This is a warning.');
```



```
    printError('This is an error.');
```



```
}
```



```
void printWarning(String text) {  
    print('\x1B[33m$text\x1B[0m');
```



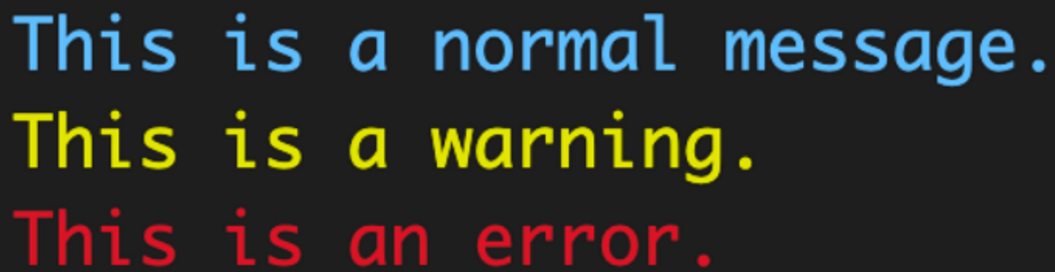
```
}
```



```
void printError(String text) {  
    print('\x1B[31m$text\x1B[0m');
```



```
}
```



This is a normal message.
This is a warning.
This is an error.