



HustleFlow: Real Time News Reader with API

In partnership with Firebase, YCombinator is making the public Hacker News data available in near real time. Firebase enables easy access from Android, iOS and the web. Servers aren't left out; there's also REST support.

The main goals of building this online Database fetcher app is to provide a free reading service to all the readers who are interested in Tech and serious about catching up about what is currently going on.

HustleFlow also applied the use of networking or API (Application Programming Interface) that essentially refers to how multiple applications can interact with and obtain data from one another. APIs operate on an agreement of inputs and outputs

What we sent to server via API

```
// DOWNLOAD LIST OF STORIES
const URL STORIES_LIST_URL("https://hacker-news.firebaseio.com/v0/newstories.json");
mNetReply = mNetMan->get(QNetworkRequest(STORIES_LIST_URL));

connect(mNetReply, &QIODevice::readyRead, this, &ContentView::OnDataReadyToRead);
connect(mNetReply, &QNetworkReply::finished, this, &ContentView::OnListReadFinished);
```

We got back JSON file from fetching

```
{
  "by": "dhouston",
  "descendants": 71,
  "id": 8863,
  "kids": [ 33 items ],
  "score": 104,
  "time": 1175714200,
  "title": "My YC app: Dropbox - Throw away your USB drive",
  "type": "story",
  "url": "http://www.getdropbox.com/u/2/screencast.html"
}
```

