



Challenge

The International Rescue Committee (IRC) is a global humanitarian aid, relief, and development non-governmental organization. Founded in 1933 at the request of Albert Einstein, the IRC offers emergency aid and long-term assistance to refugees and those displaced by war, persecution or natural disaster. The IRC is currently working in over 40 countries and 22 U.S. cities where it resettles refugees and helps them become self-sufficient.

Case

One of our projects for the IRC was about creating a tool which would aggregate and help to pre-calculate huge amounts of data collected by field workers during emergency programs managed by the IRC. It was supposed to replace usage of Microsoft Excel, as well as multiple redundant manual operations necessary for the achievement of such a result.

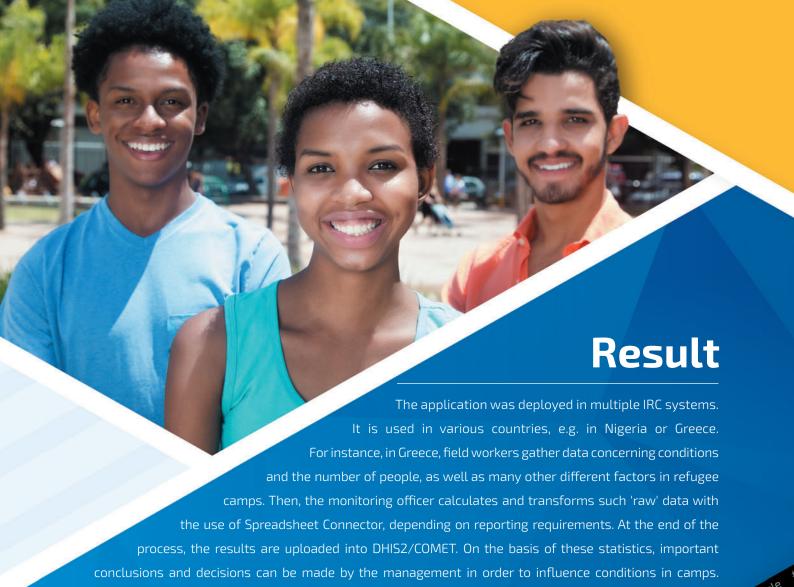
The Spreadsheet Connector Project started as a proof of concept. Then, it was evaluated and accepted by the IRC management to be developed into a fully functional tool. So far, we have developed three versions of the application.



serves as a plug-in for the DHIS2 platform.

Numerous other features were developed, such as the browsing of imports history, connector export and import or cloning the connector definition and external authentication into the DHIS2 user base.





The project was considered very important by the IRC, and the solution was really appreciated because it saves a lot of time, which would otherwise be spent on manual work.

#Diango #Python #Non-government











Technologies used #python #django #AngularJS #jQuery #postgreSQL





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