
Crowd_Frame: A Simple and Complete Framework to Deploy Complex Crowdsourcing Tasks Off-the-shelf

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hic sunt futura



Context

- **Crowdsourcing** based approaches used to tackle **Human Intelligence Tasks (HITs)**
- Several platforms emerged to help **task requesters**
- Individuals who want to deploy a task on a chosen platform

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- The workflow shows **several difficulties** across all crowdsourcing platforms
 - Our solution is **Crowd_Frame**, a software system that allows to easily **design** and **deploy** diverse types of crowdsourcing tasks
 - Freely available to the research community
 - https://github.com/Miccighel/Crowd_Frame



Aims

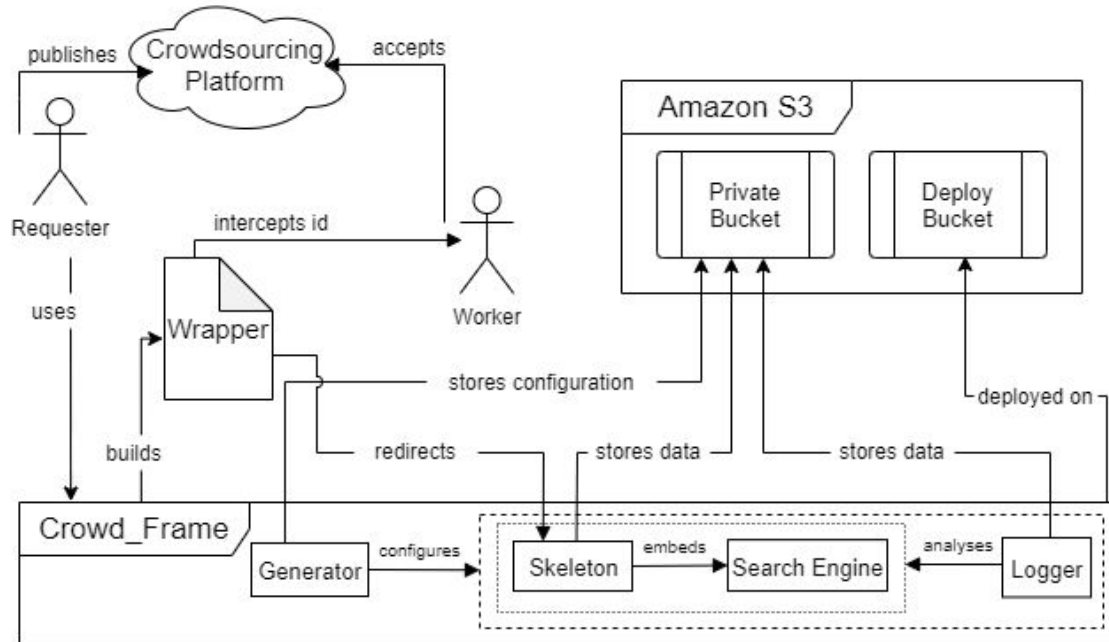
1. Design and deploy **various kinds of crowdsourcing tasks**
2. Composed of **different sets of HITs**
3. In a **customizable and controllable environment**
4. Using an external crowdsourcing platform to **recruit the crowd of workers**



How?

- **The requester:**
 - Designs the crowdsourcing task using Crowd_Frame
 - Deploys the task using Crowd_Frame
 - Recruits workers on the crowdsourcing platform
- **Each worker:**
 - Reaches and performs the task deployed
 - Returns to the platform to receive the payment

Architecture





Let's Try!

- Follow the **README** to deploy your first task
- I will show you:
 - How to **access the generator** to configure a task deployed
 - How the **crowdsourcing task** looks from **worker's viewpoint**
- Demo available at:
 - <https://crowdsourcing-deploy-us.s3.us-east-2.amazonaws.com/WSDM-Demo/Batch-1/index.html>



Thank You!

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