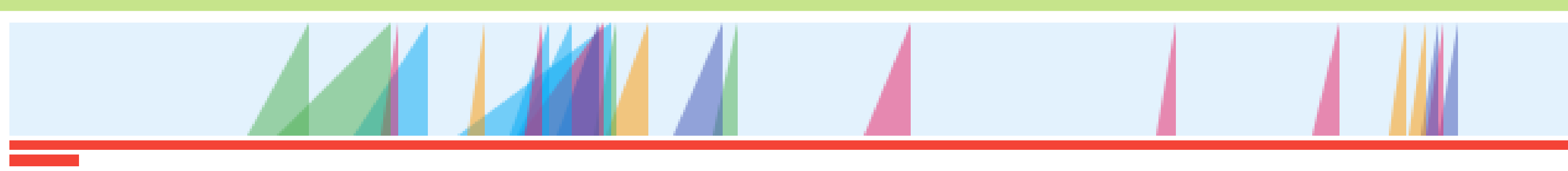




RepoSense

A contribution analysis tool for Git repositories in the form of an interactive online report



Contribution shown in ramp charts

Bigger ramp slices → more LOCs written
 Frequent ramp slices → code is committed regularly
 Red contribution bar → total LOCs contributed



Instant feedback for students and close monitoring by instructors

Filter and sort authors and repositories in the toolbar

Code review panel to view code changes

search: reposense_master | group by: None | sort by: Author Name | granularity: Day

since: 09/03/2018 | until: 25/03/2019 | reverse: [] | breakdown by file format: []

1. reposense_RepoSense_master Aditya
2. reposense_RepoSense_master Eugene
3. reposense_RepoSense_master Jun An
4. reposense_RepoSense_master Metta
5. reposense_RepoSense_master Yong Hao

reposense_RepoSense_master | Eugene (eugenepeh) contribution from 2017-10-09 to 2019-03-25

Filter by glob: [] | Filter

All: 2752 (437) | gradle: 8 (2) | jade: 63 (9) | java: 1508 (256) | js: 444 (69) | md: 129 (34) | scss: 570 (60) | yaml: 30 (7)

sort by: reverse [x] | LoC

src/main/java/reposense/model/Author.java (98 lines)

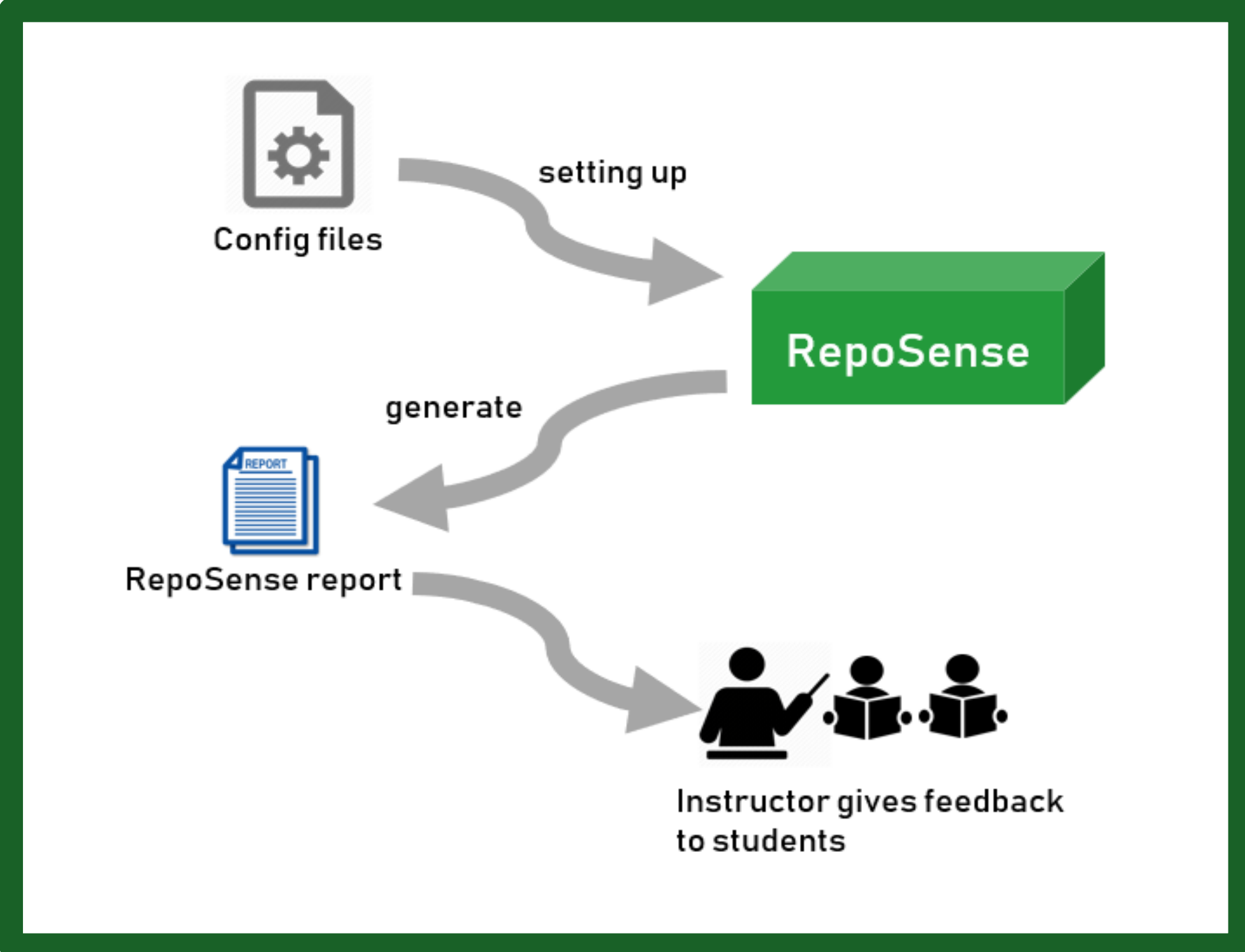
```

/**
 * Represents a Git Author.
 */
public class Author {

    private static final String UNKNOWN_AUTHOR_GIT_ID = "-";
    private static final String STANDARD_GITHUB_EMAIL_DOMAIN = "@users.noreply.";
    private static final String MESSAGE_UNCOMMON_EMAIL_PATTERN = "The provided
    private static final String MESSAGE_UNCOMMON_GLOB_PATTERN = "The provided i
    private static final String COMMON_EMAIL_REGEX =
        "^[a-zA-Z0-9_\\-\\.\\+]+@[a-zA-Z0-9_\\-\\.]+\\.([a-zA-Z]{2,5})$";
    private static final String COMMON_GLOB_REGEX = "^[a-zA-Z0-9_\\-\\.\\+]*$";

    public static final Author UNKNOWN_AUTHOR = new Author(UNKNOWN_AUTHOR_GIT_ID
    
```

'Git Diff' to view new lines added



Used by multiple NUS modules

- ✓ 100+ Git repositories
- ✓ 500+ students

Interested to contribute to RepoSense?

Check out <https://reposense.org> for more info!

