Release Summary

Parasheet

July 20, 2025

1. Key User Stories and Acceptance Criteria

• Run a Single Cell
Description: As a user, I want to be able to run a single cell.
Acceptance Criteria: The system can parse and execute code within a single spreadsheet cell.

• Run an Entire Spreadsheet
Description: As a user, I want to be able to run an entire spreadsheet.
Acceptance Criteria: A run command executes each cell containing code across the sheet.

• Load from and Save to CSV File
Description: As a user, I want to be able to load from and save to a CSV file.
Acceptance Criteria: Files can be opened into the command-line sheet editor, sheets can be created, and sheets can be saved to a CSV file.

• Command-Line Spreadsheet Editing
Description: As a user, I want to be able to edit a spreadsheet from the command line.
Acceptance Criteria: The command-line editor allows users to view and modify CSV content in a sheets style editor.

2. Known Problems

Multiple known memory leaks with unsupported string literals. CSV Parser has a memory leak.

Build system sometimes has spurious rebuilds.

No for loop support.

Blocks require double curly braces at the end to parse.

3. Product Backlog

- Execute a Single Cell (Note: This represents ~50% of the project workload.)
- Run an Entire Spreadsheet
- Process Strings
- Multi Threading for Performance
- File I/O
- Iterators
- Custom Types

4. Burn-up Chart

Burn-up Chart