# Circle Language Spec Plan Steps & Time Planning (Out of Scope)

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## Purpose of this Document

This document subdivides a project into work items and gives a time planning and time estimation for it.

The work described here was deemed out-of-scope of the project *Circle Language Spec*.

## Work Items

**1** = Piece of cake

**2** = Easy

**3** = Average

**4** = Relatively hard

**5** = Very hard

**8** = Extreme but known

**10** = Extreme and unknown

The orange items are postponed and not counted up in the planning.

Roughly:

- Automatic Diagram Organization: **(1 item)**  **(5 points)**

- Math & Integration **(2 items)**  **(14 points)**

- Input Output **(2 items) (20 points)**

- Internet Complete **(2 items) (13 points)**

- Concepts **(5 items) (19 points)**

- Querying & Collection Operations **(8 points)**  
- Politically Correct **(3 items)**  **(18 points)**

- Total new computer language: **16 work items (97** points**)**

- First: **(3 items) (19 points)**

- Automatic Diagram Organization: **(1 item)**  **(5 points)**

- Finish Automatic Containment **(5)**

- Reconsile bidirectional relations and automatic containment

- Math & Integration: **(2 items)**  **(14 points)**

- Math **(4)**

- Integrate **(10)**

- Later: **(13 items) (73 points)**

- Input Output: **(2 items) (20 points)**

- Input Output **(10)**

- Concurrency **(10)**

- Automatic Execution Order

- Internet Complete: **(2 items) (13 points)**

- Caching **(5)**

- The Physical & The Logical **(8)**

- Internet as a Single Computer

- Linkage of the Physical and the Logical

- Storage Caching

- Concepts: **(5 items) (19 points)**

- Concept Construct **(5)**

- Editing Concepts **(4)**

- Controls Concepts **(4)**

- Coding Concepts Misc **(3)**

- Data Concepts **(3)**

- Querying & Collection Operations **(8)**

- Politically Correct: **(3 items)**  **(18 points)**

- Errors **(5)**

- Binaral **(5)**

- Access Control **(8)**

- Optional:

- Easier theme: Conversions **(3)**

- Medium theme: Extend set of Fundamental Principles **(2)**

- Medium theme: Handy Access **(2)**

- Medium theme: Circularity **(2)**

- Medium theme: Apply **(4)**

- Medium theme: Some Data Concepts **(7)**

(7 points, because it is so much, not because it is hard)

- Hard topics: **(4 topics)**

The list below are not separate themes.

An exact planning will not be made for these topics.

- Fundamental principles

- Text Code Topics

- Other Expression Topics

- Certain Data Concepts

- Internet Concepts

## Total Points

**97 points**

## Reverse Planning

*(Based on old total number of points of 141 and a specific available time period around 2008.)*

**~~8 months~~**

**~~34 ½ weeks~~**

## Velocity

*(Based on old total number of points of 141 and a specific available time period around 2008.)*

**17 ½ points per month**

**4 points a week**