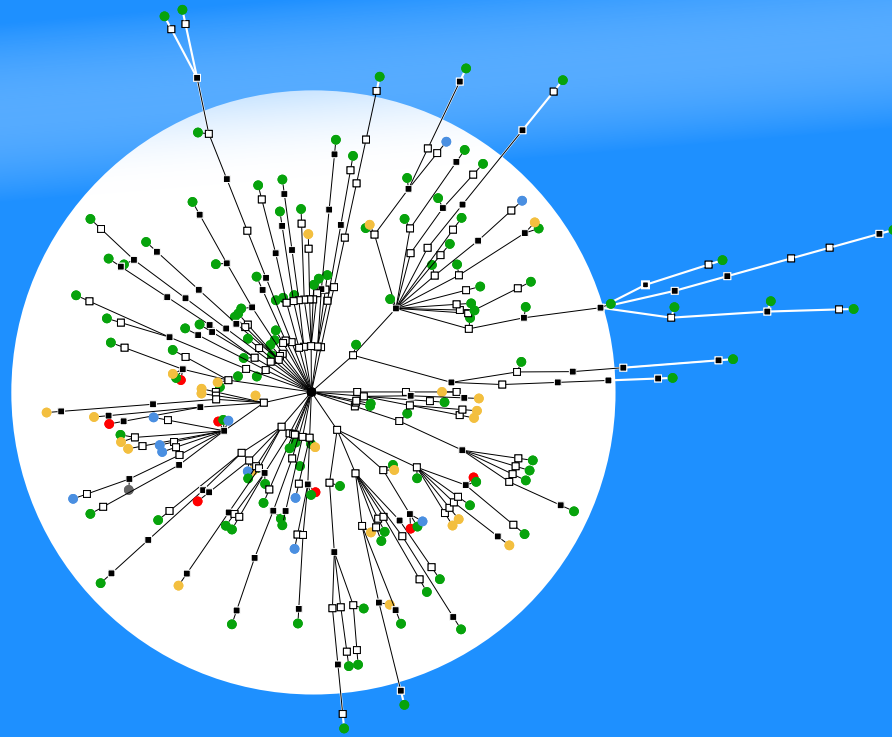


Beautiful BIG APIs



Cesare Pautasso

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Preface

This illustrated book presents a large collection of big Web APIs.

While there are many books on how to design good APIs, the goal of this one is to show how the results of such design efforts look like, at scale.

The APIs we have collected and classified are Web APIs: they come from the age when many attempted with very different results to use and sometimes misuse the HTTP protocol to remotely invoke software delivered as a service.

Enjoy looking at this beautiful API landscape!

The diagrams you will find browsing this book show the structure of Web APIs represented as trees of resources.

The API structure trees are shown with two equivalent layouts. In the circle packing layout the root is the outermost circle, while in the radial layout the root is the center node.

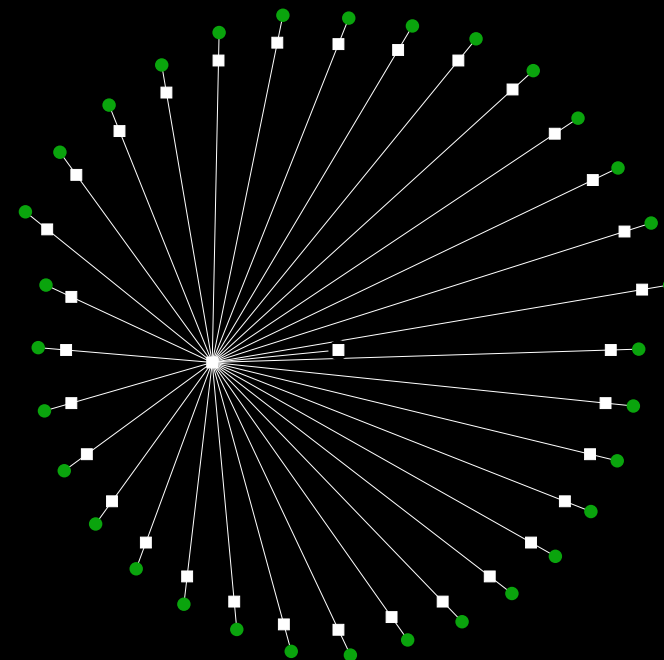
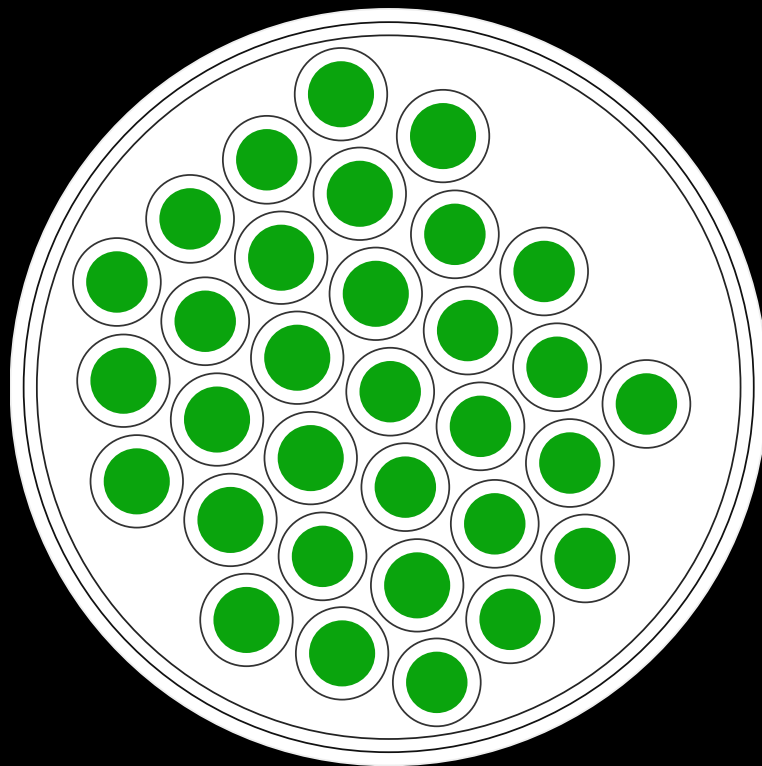
The colors indicate which HTTP methods can be applied to each resource. We also distinguish fixed path segments (white) from parametric ones (black).

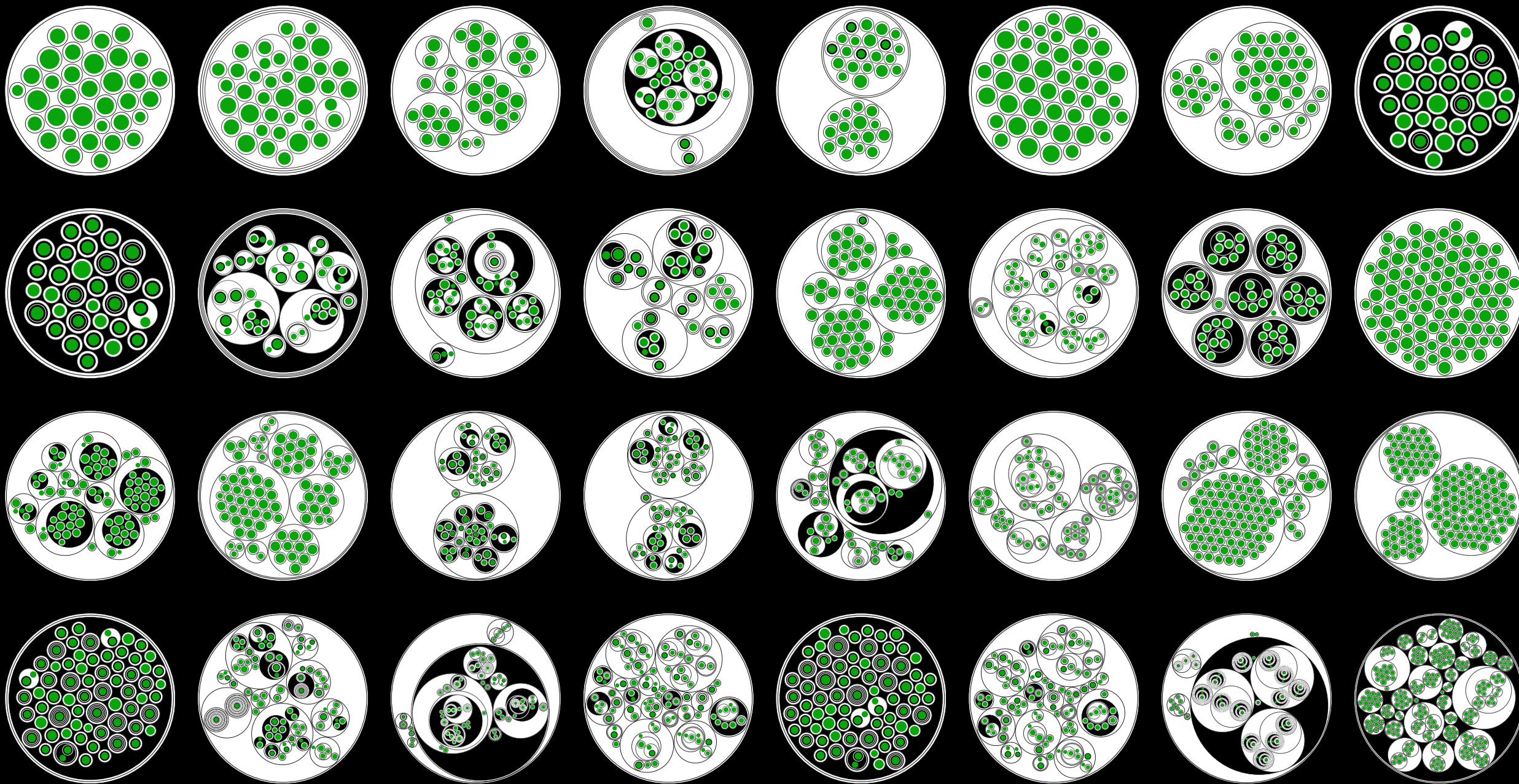
Every API shown in this book existed at some point in time: while its OpenAPI description may have survived until today stored somewhere on the Web, the service behind it may no longer be available.

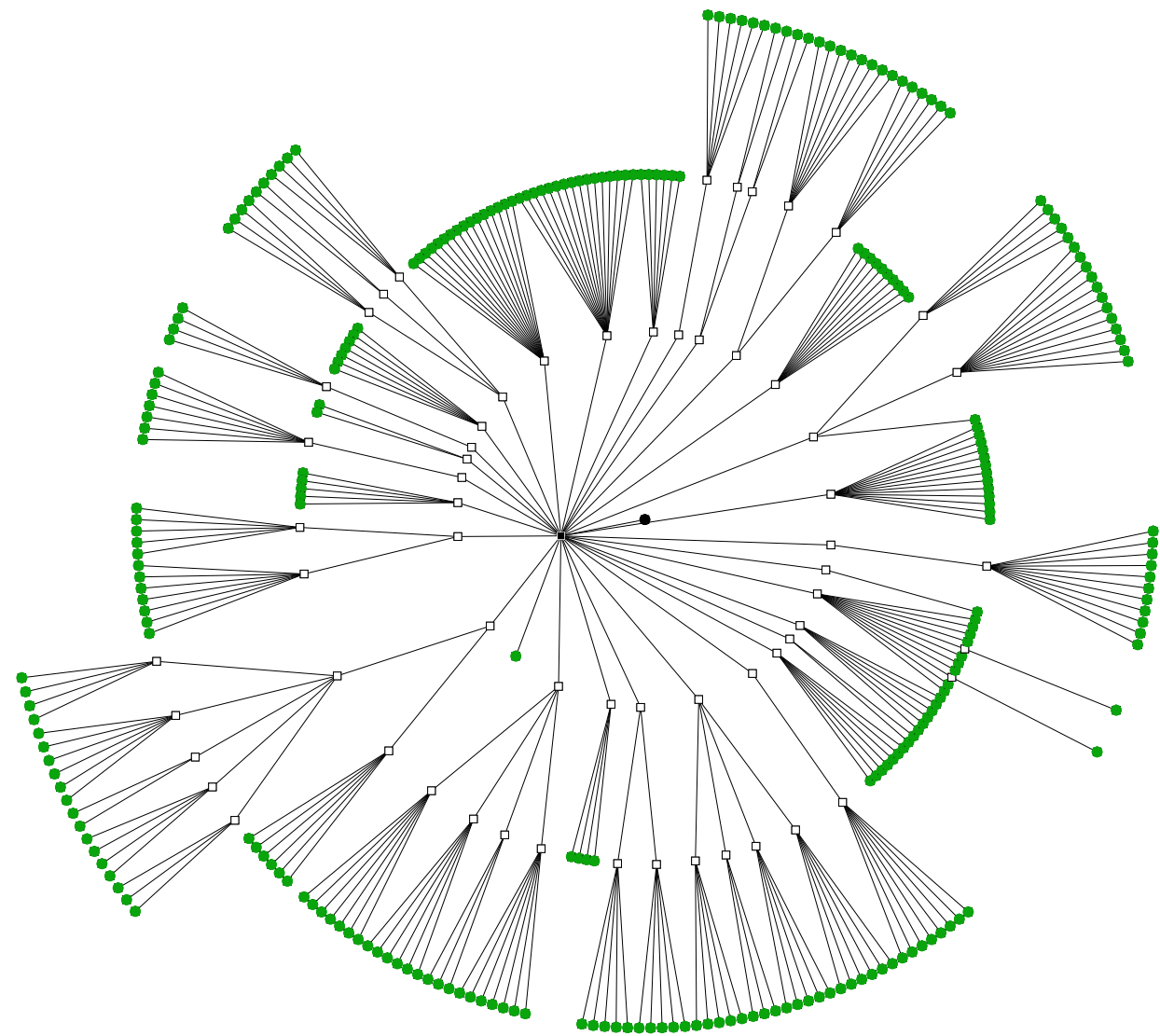
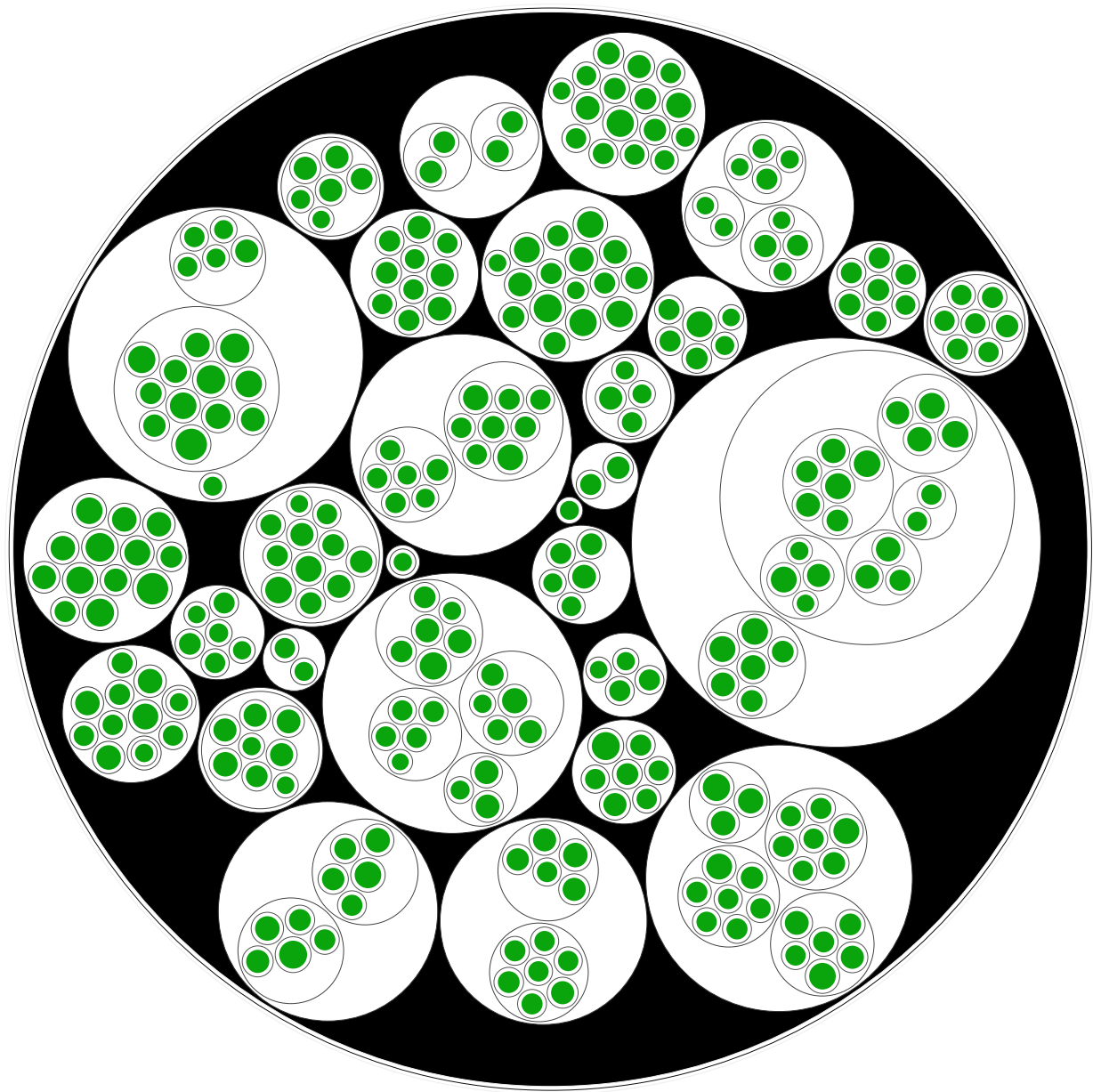
The APIs have been selected mainly due to their visual appearance.

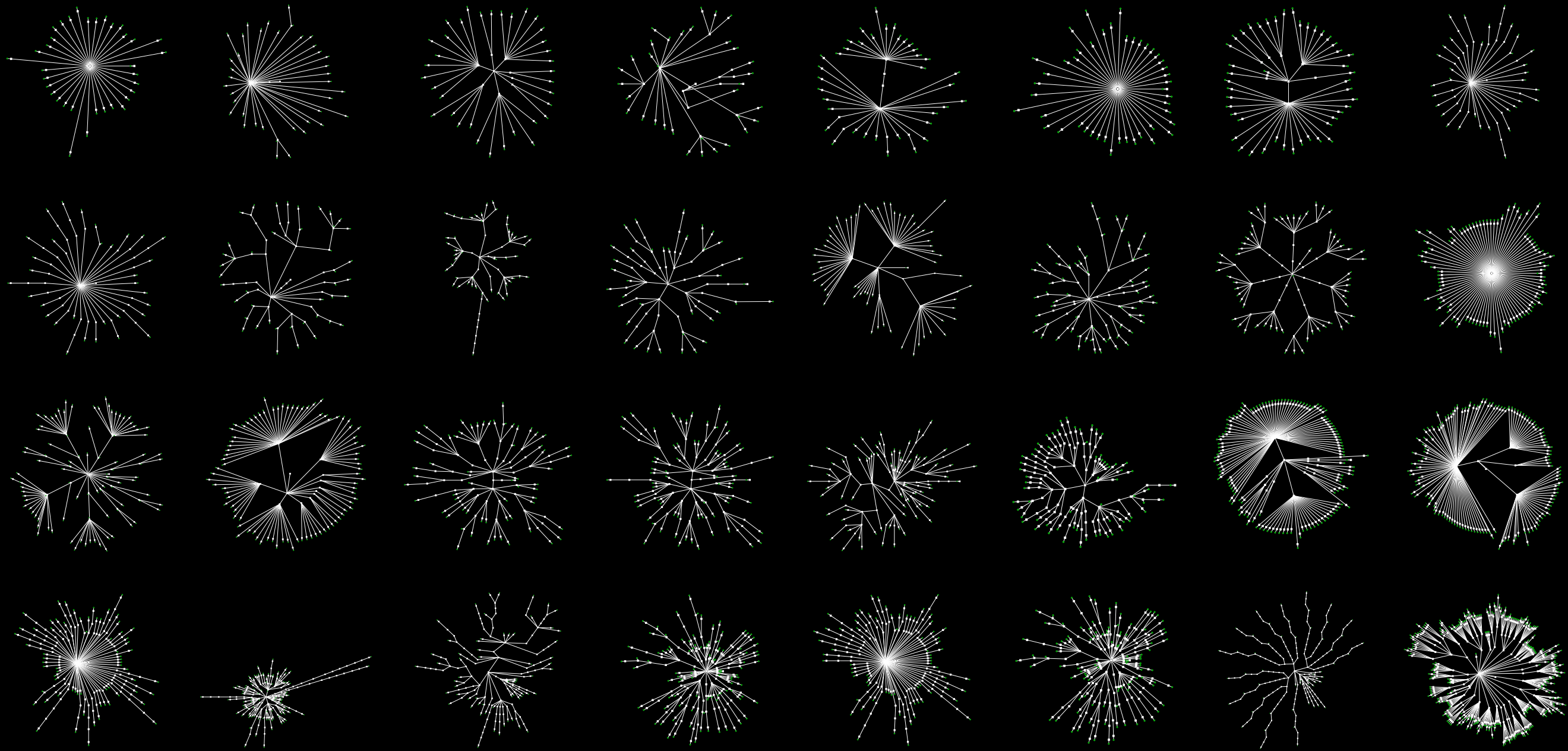
Also their size and complexity and the presence of regularities in their structure (some may call them patterns) did play a minor role in how they were ordered.

Read-Only

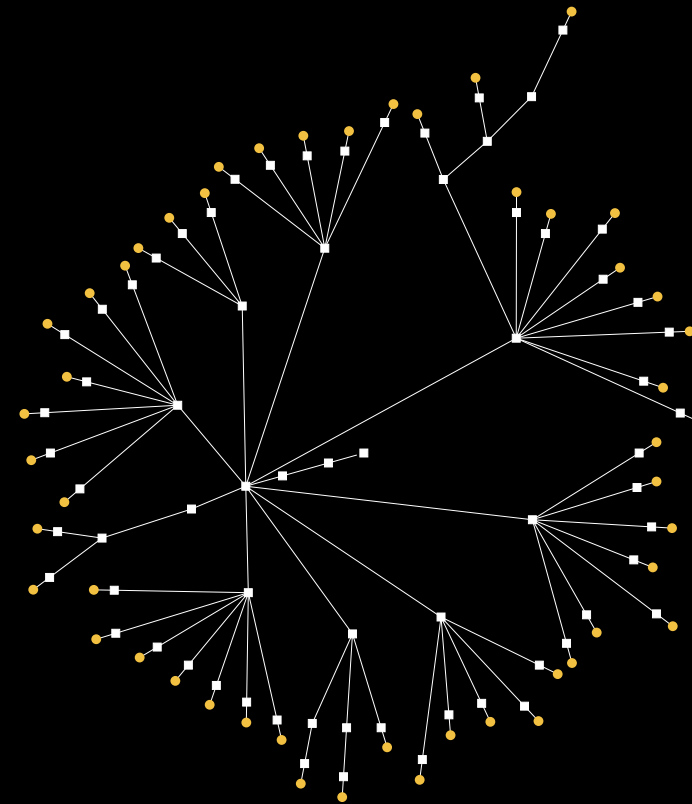
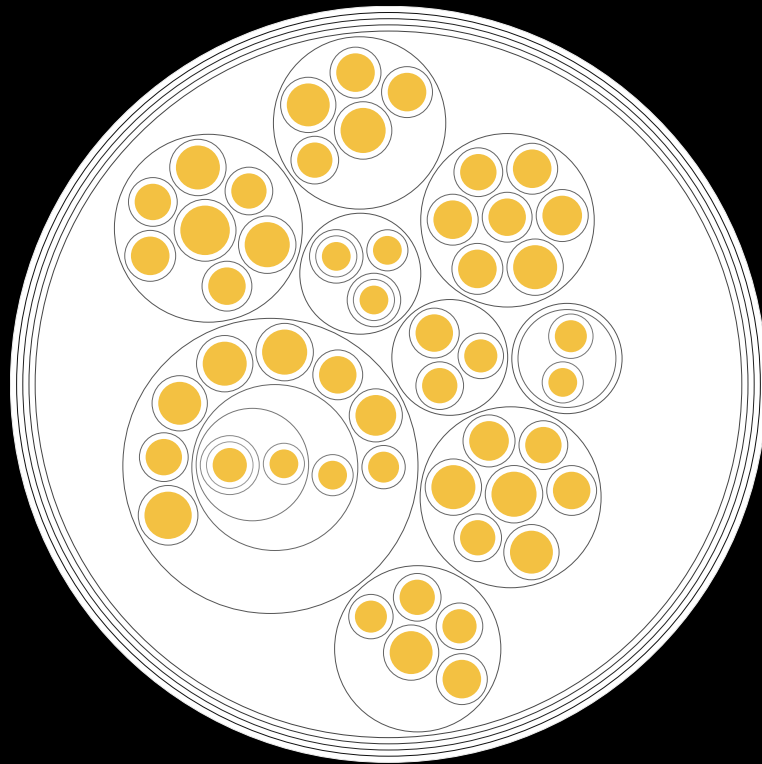


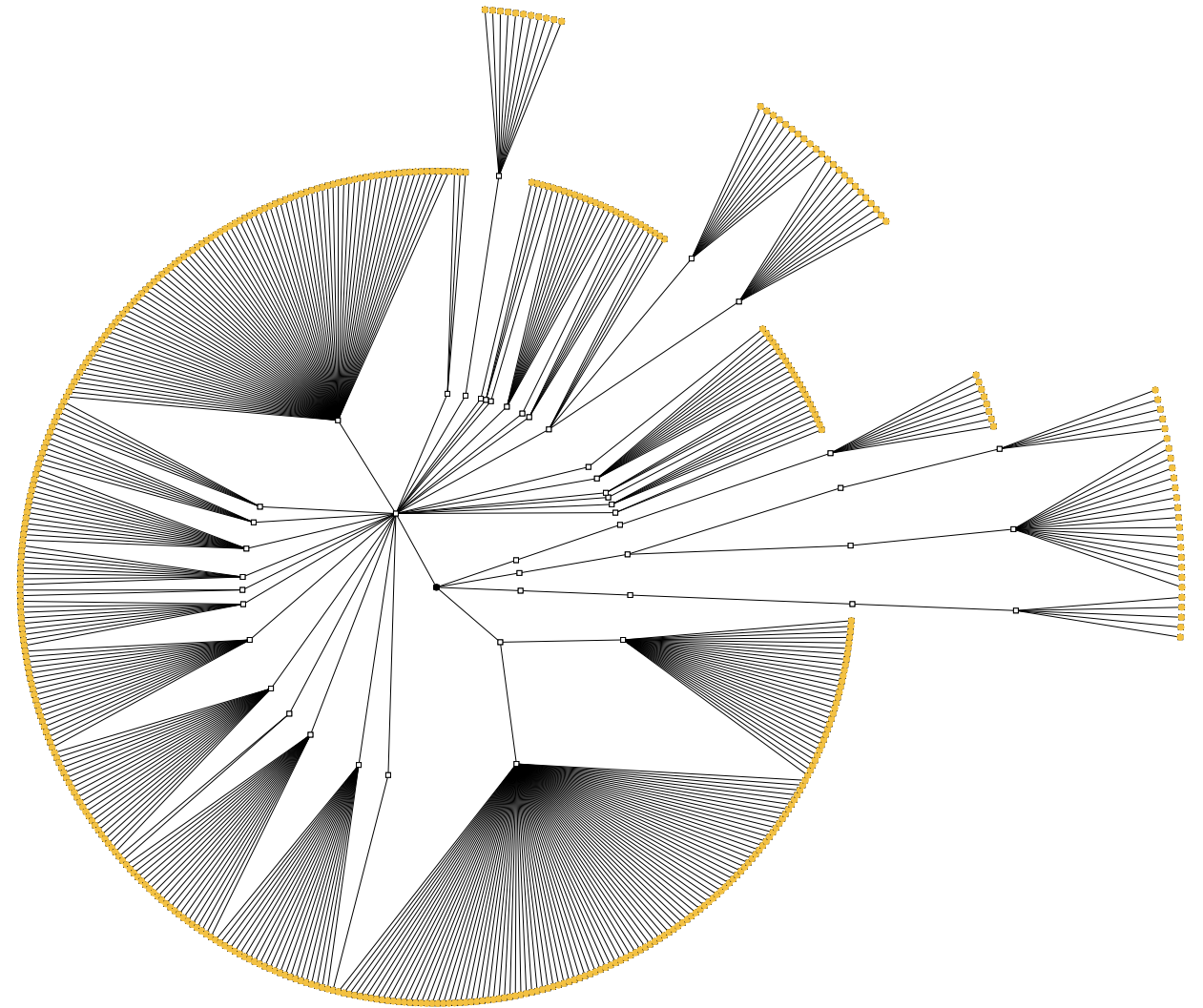
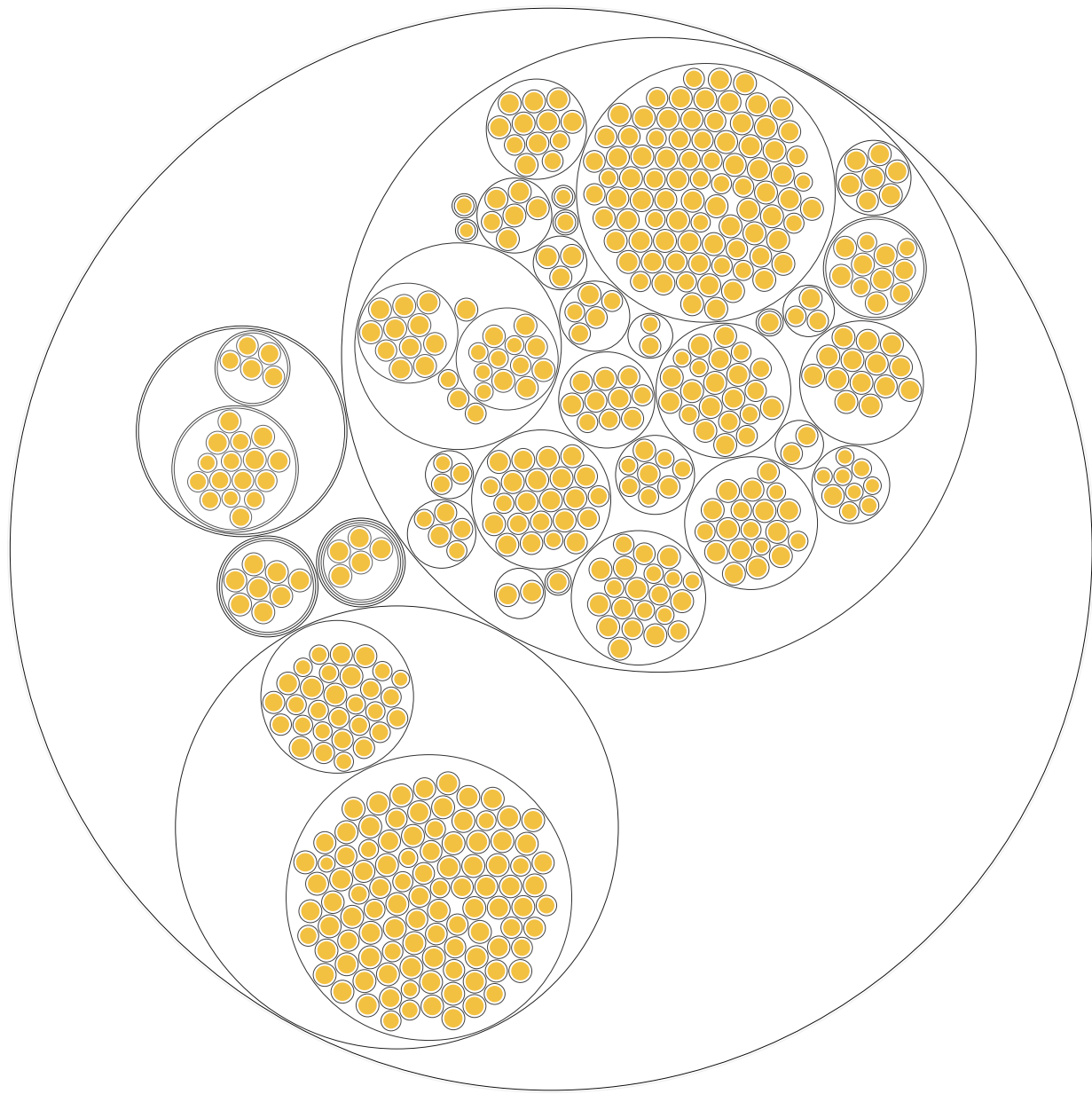




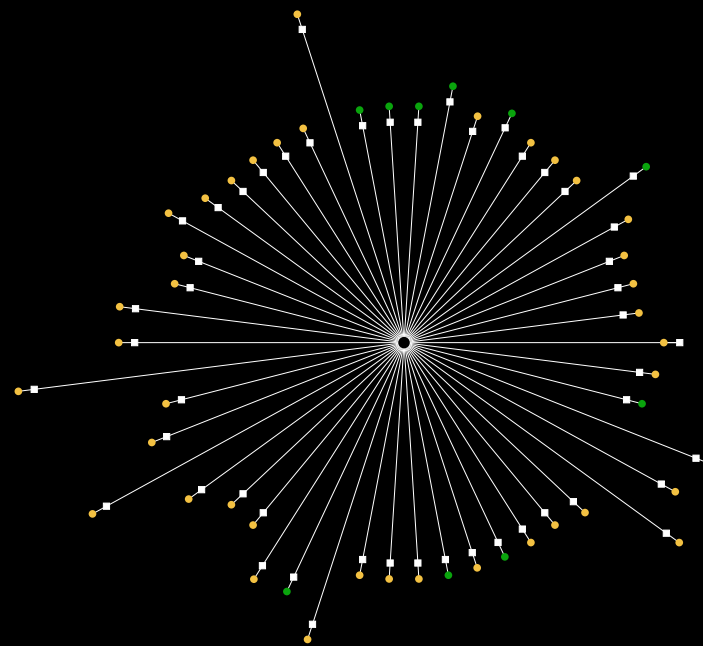
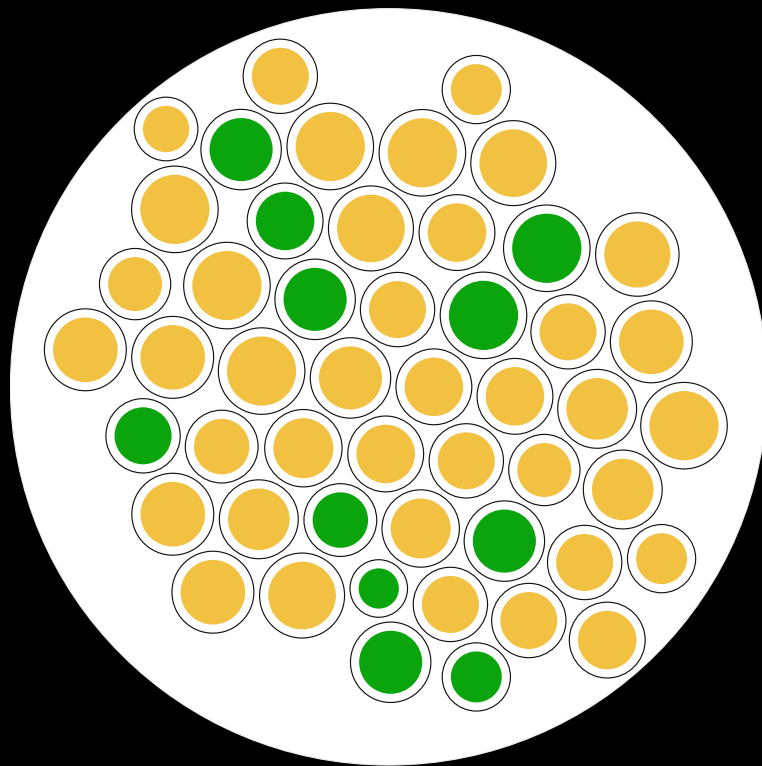


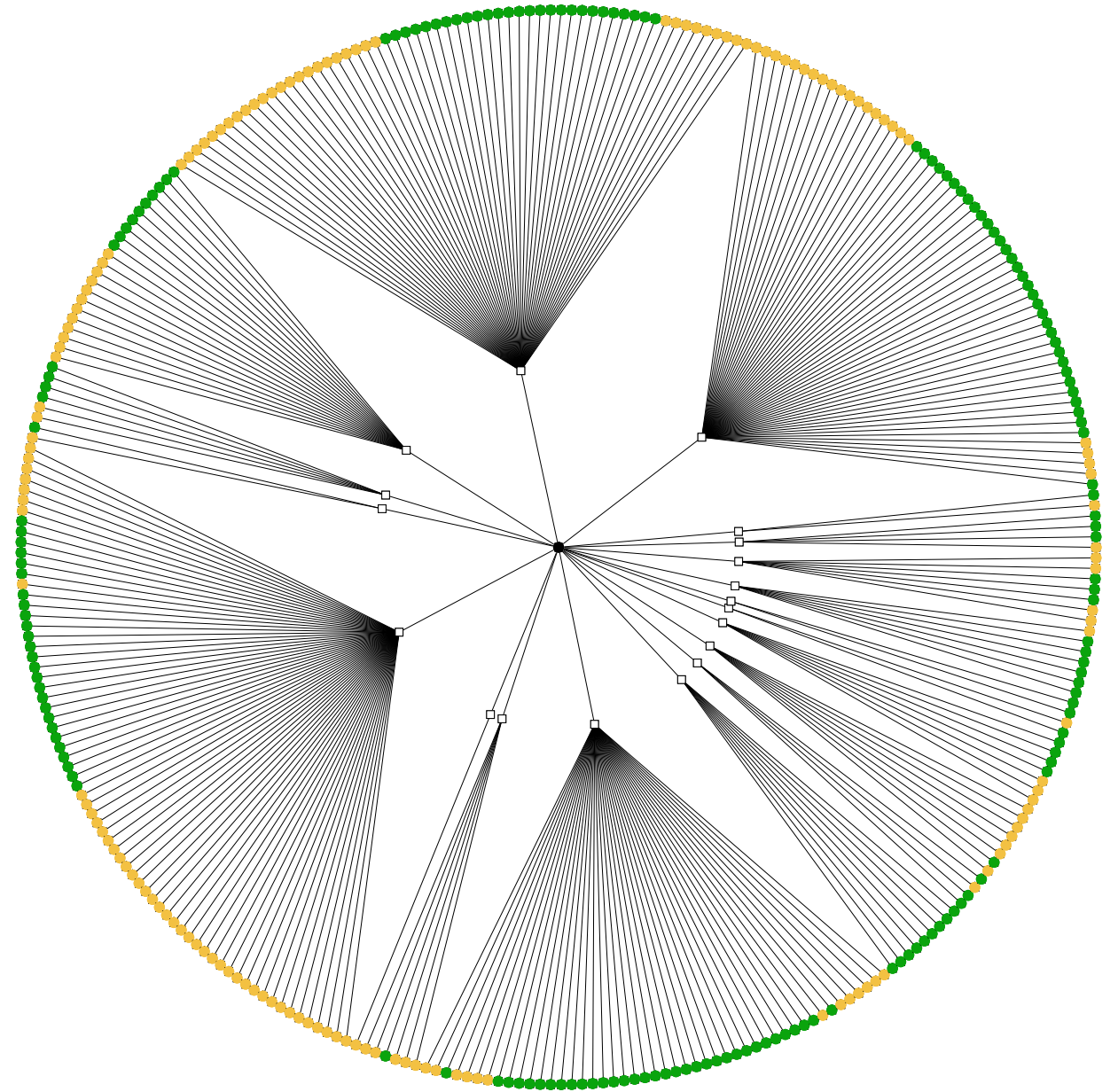
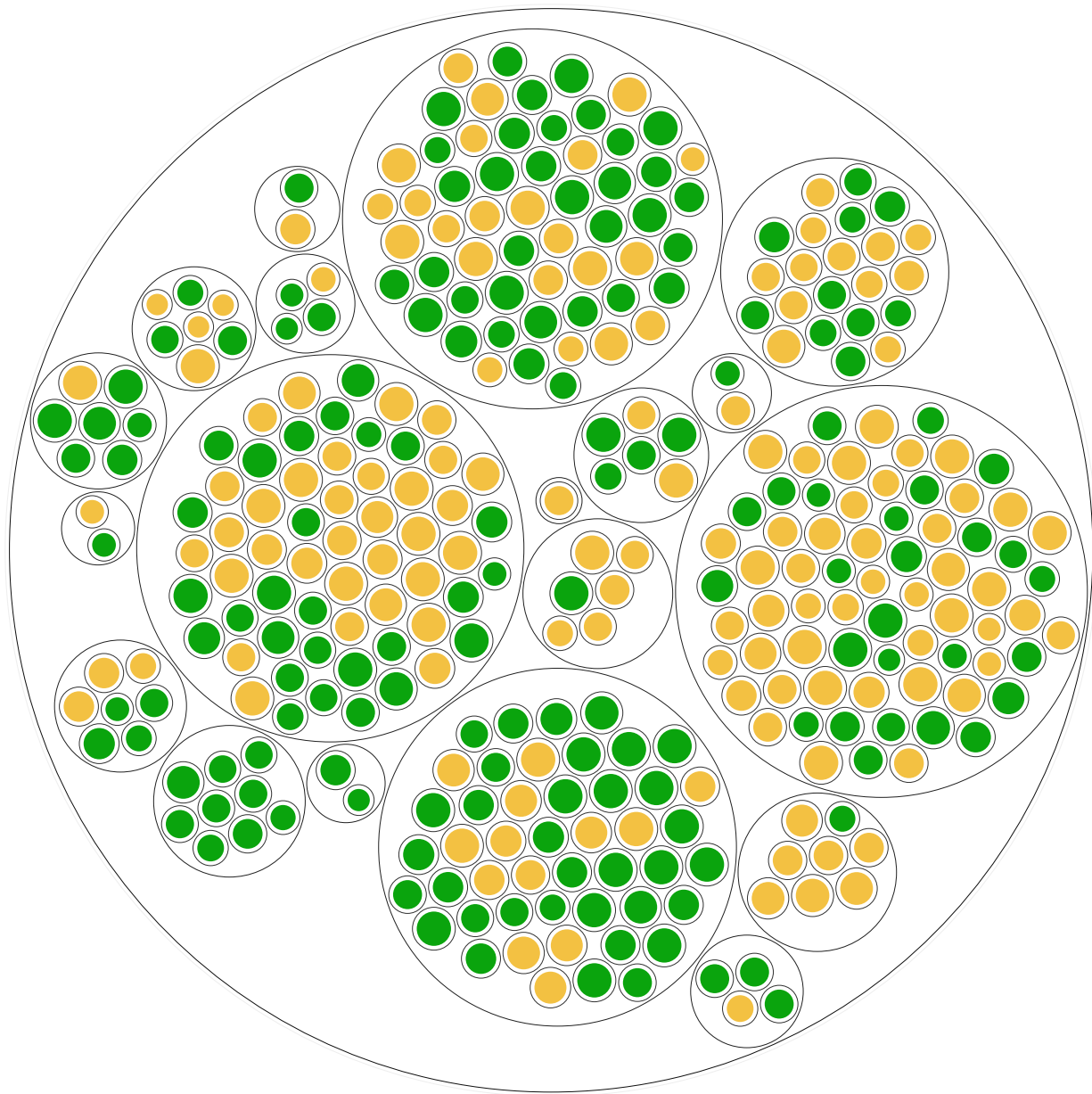
Remote Procedure Calls

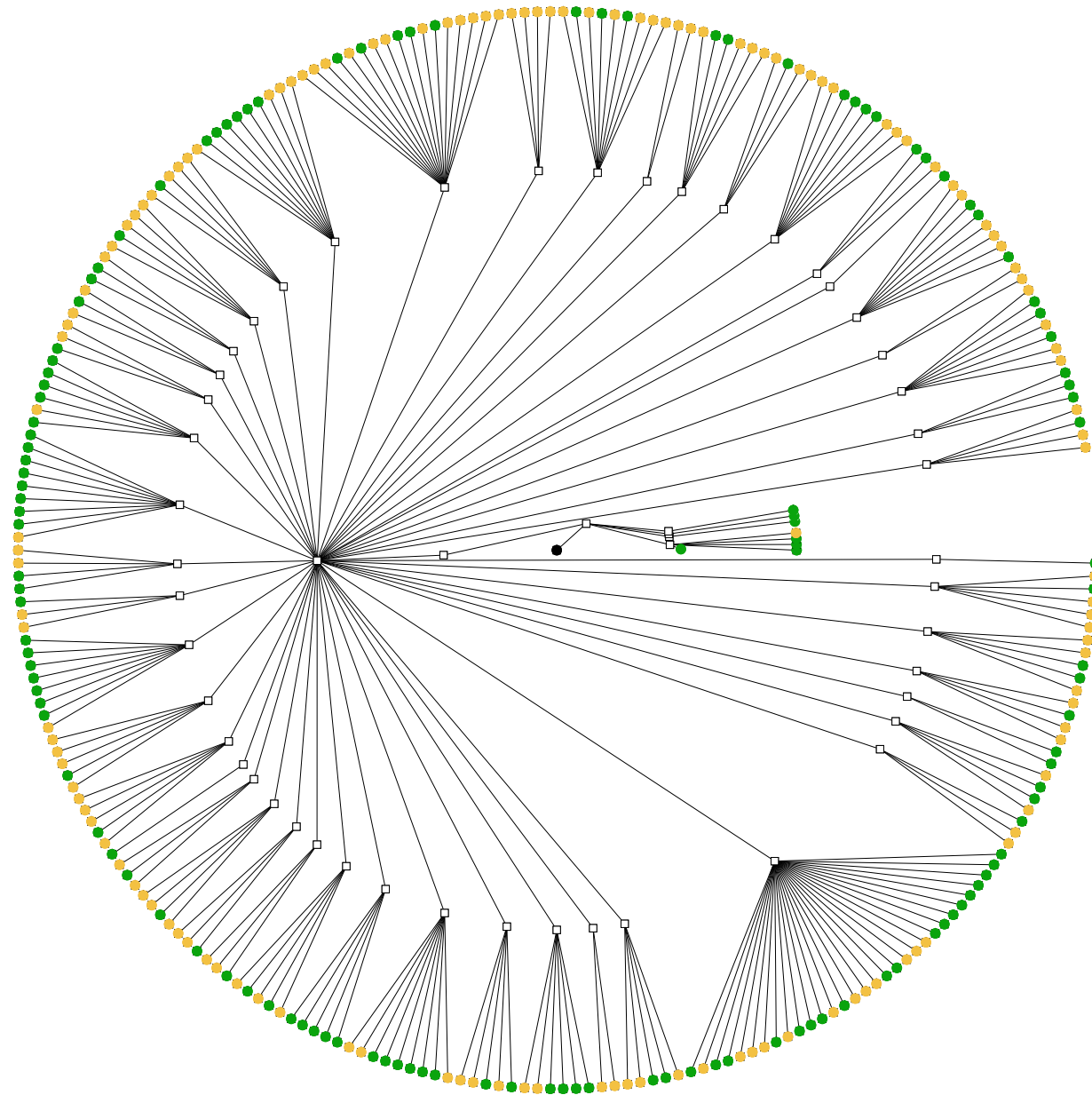
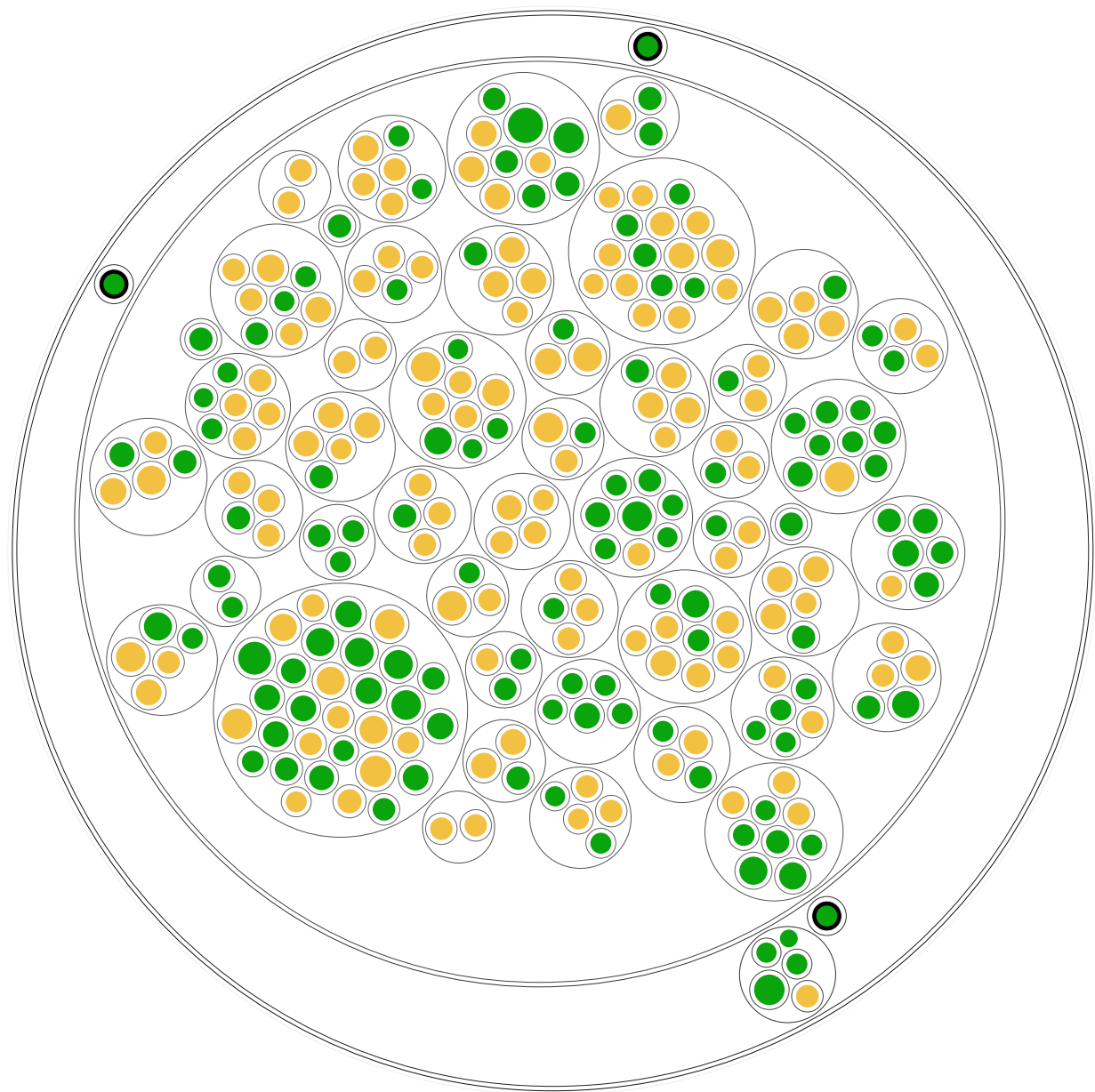




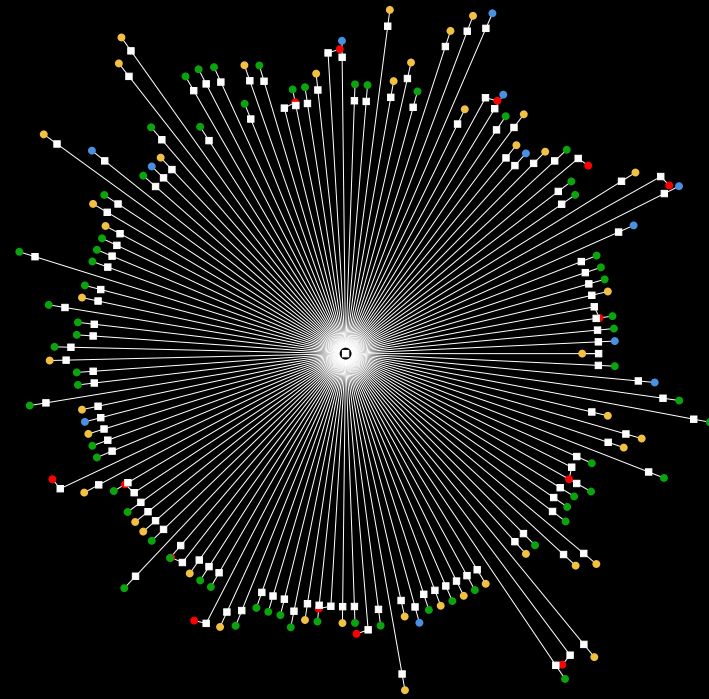
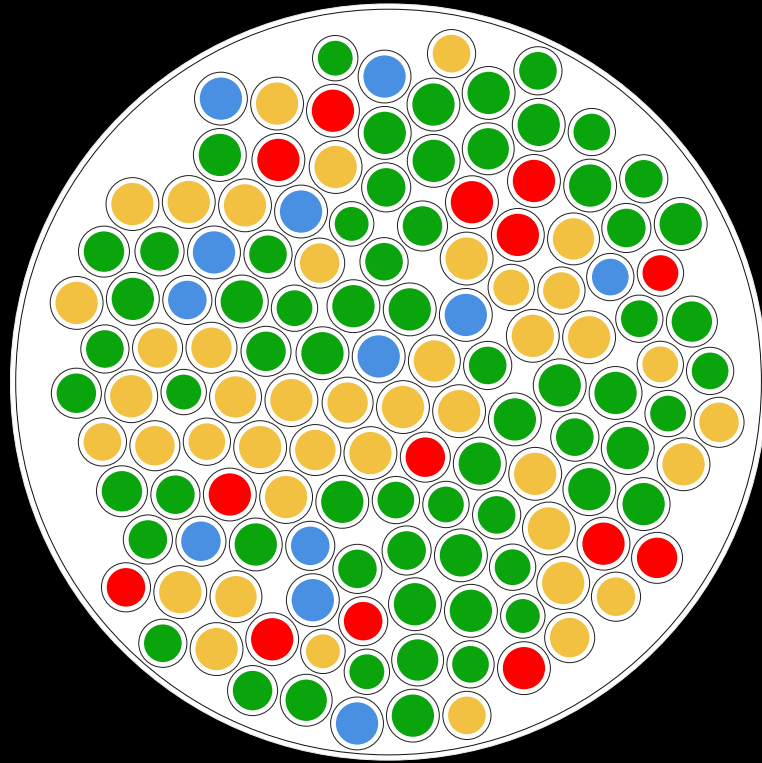
Read Write

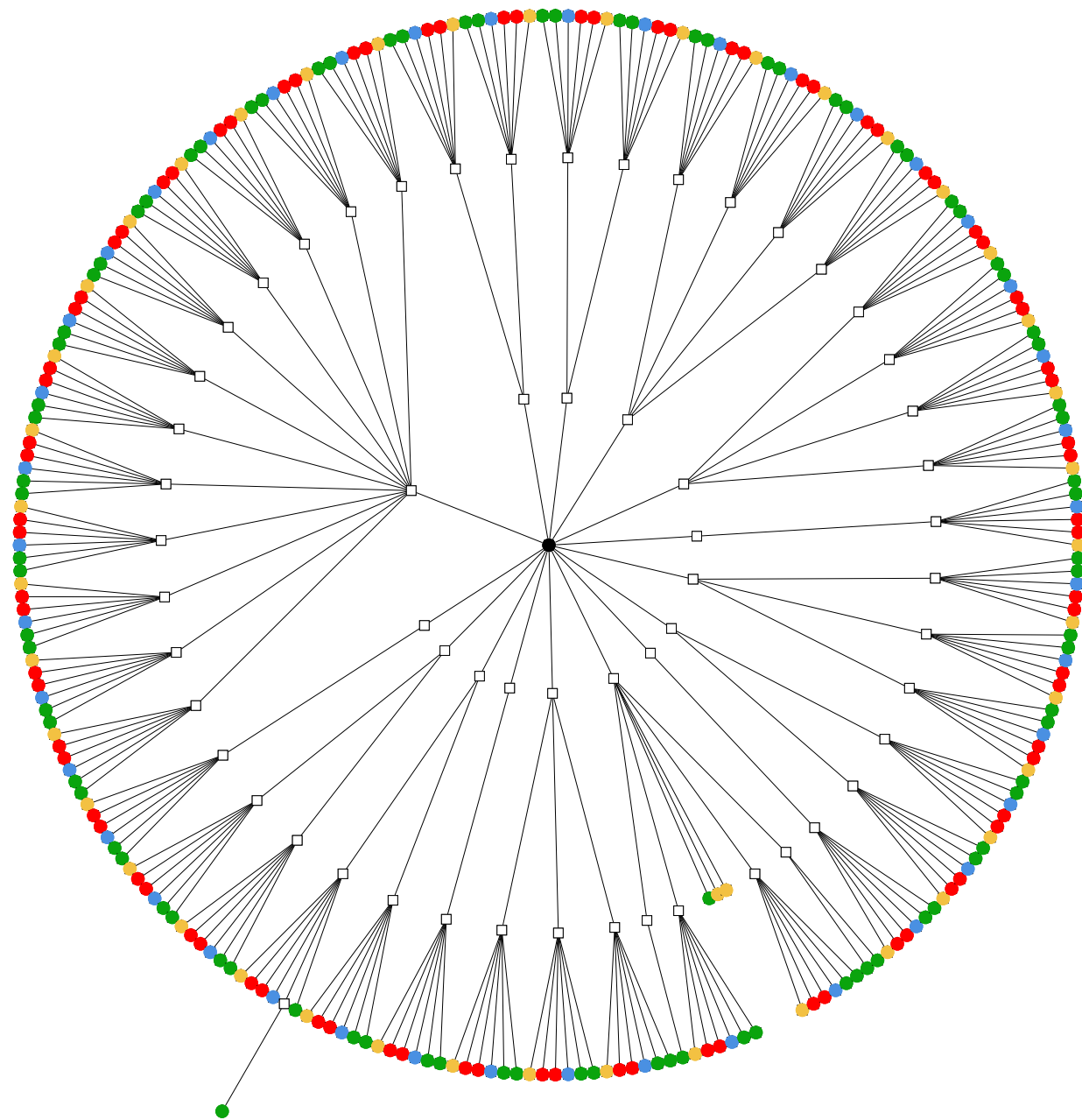
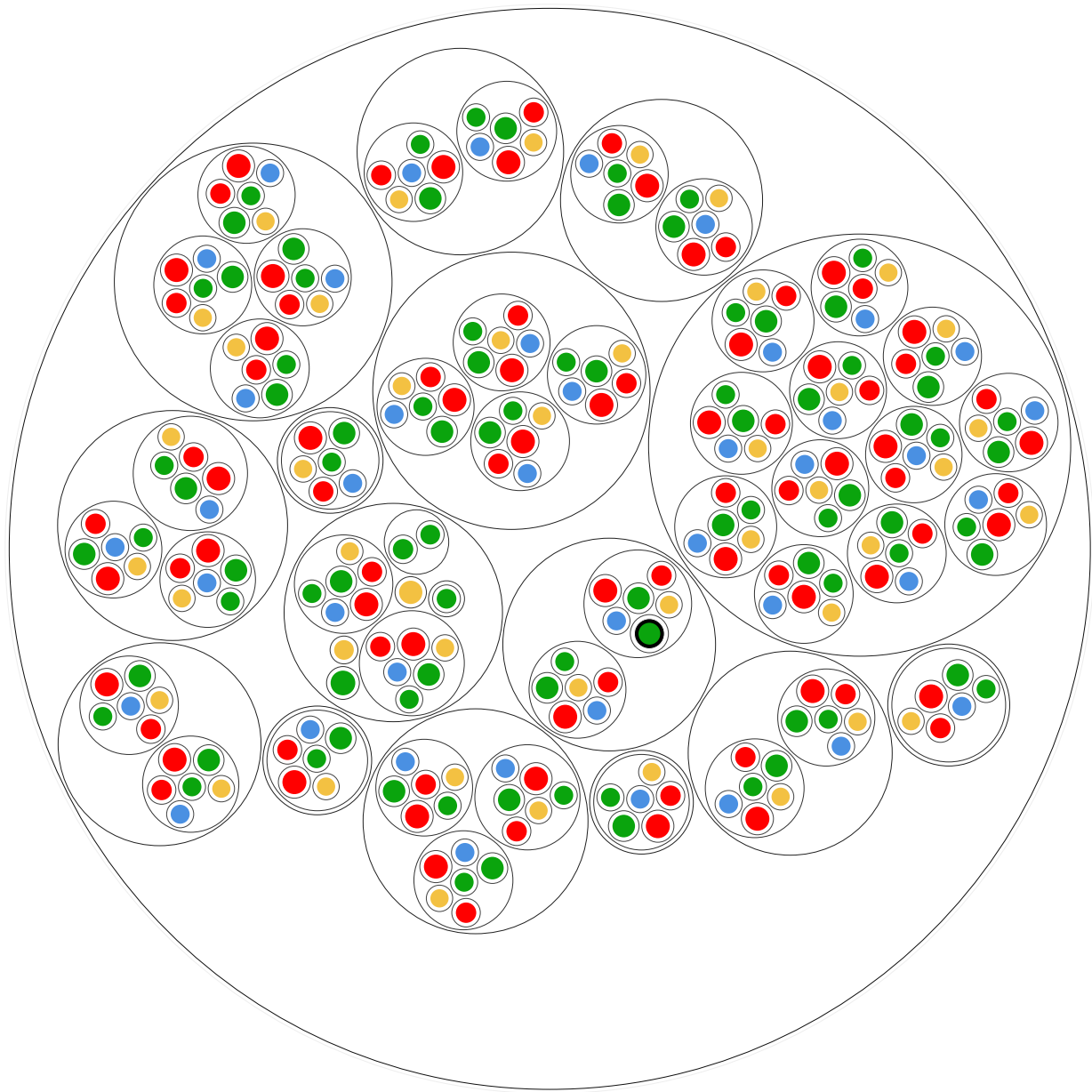


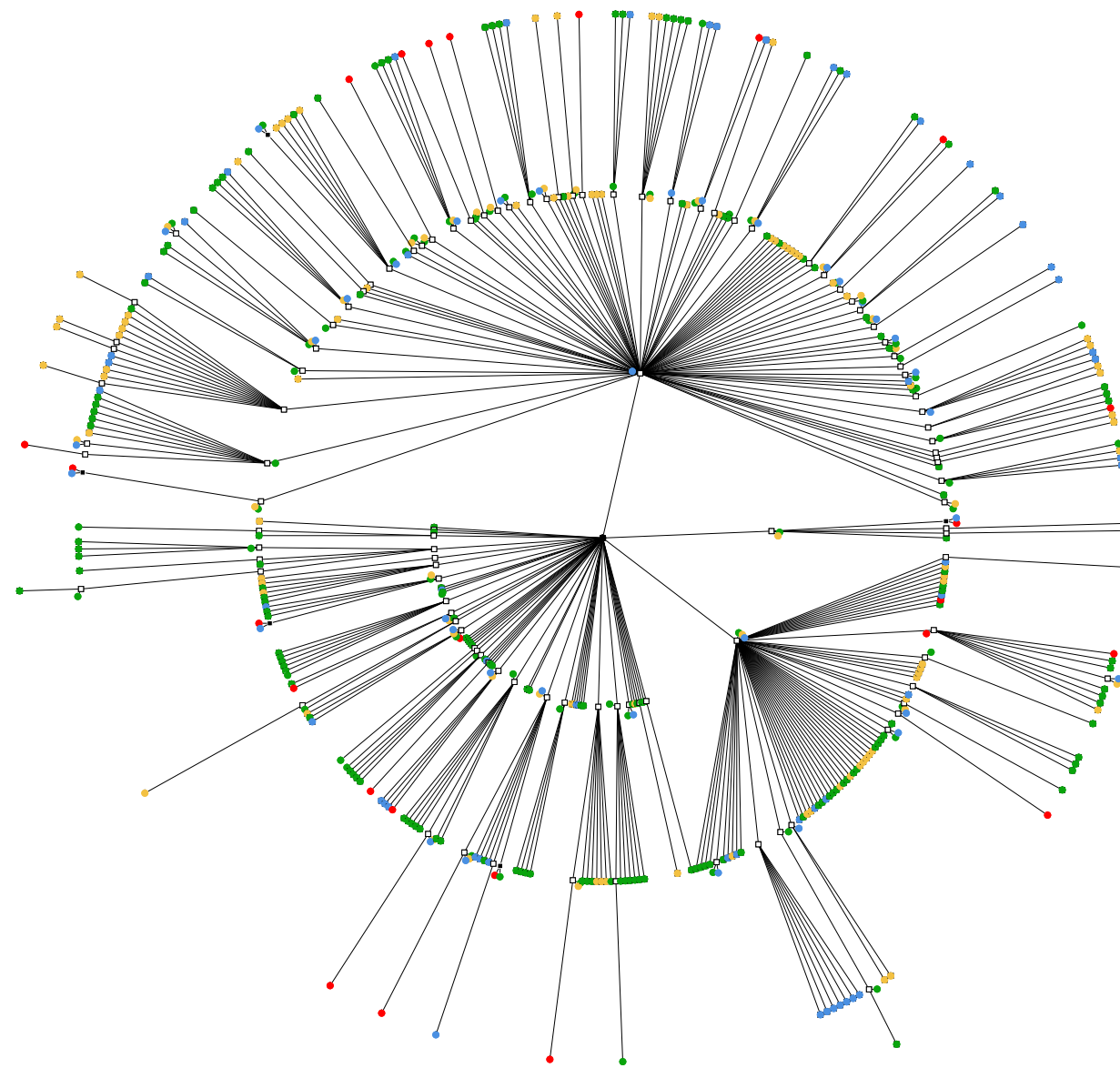
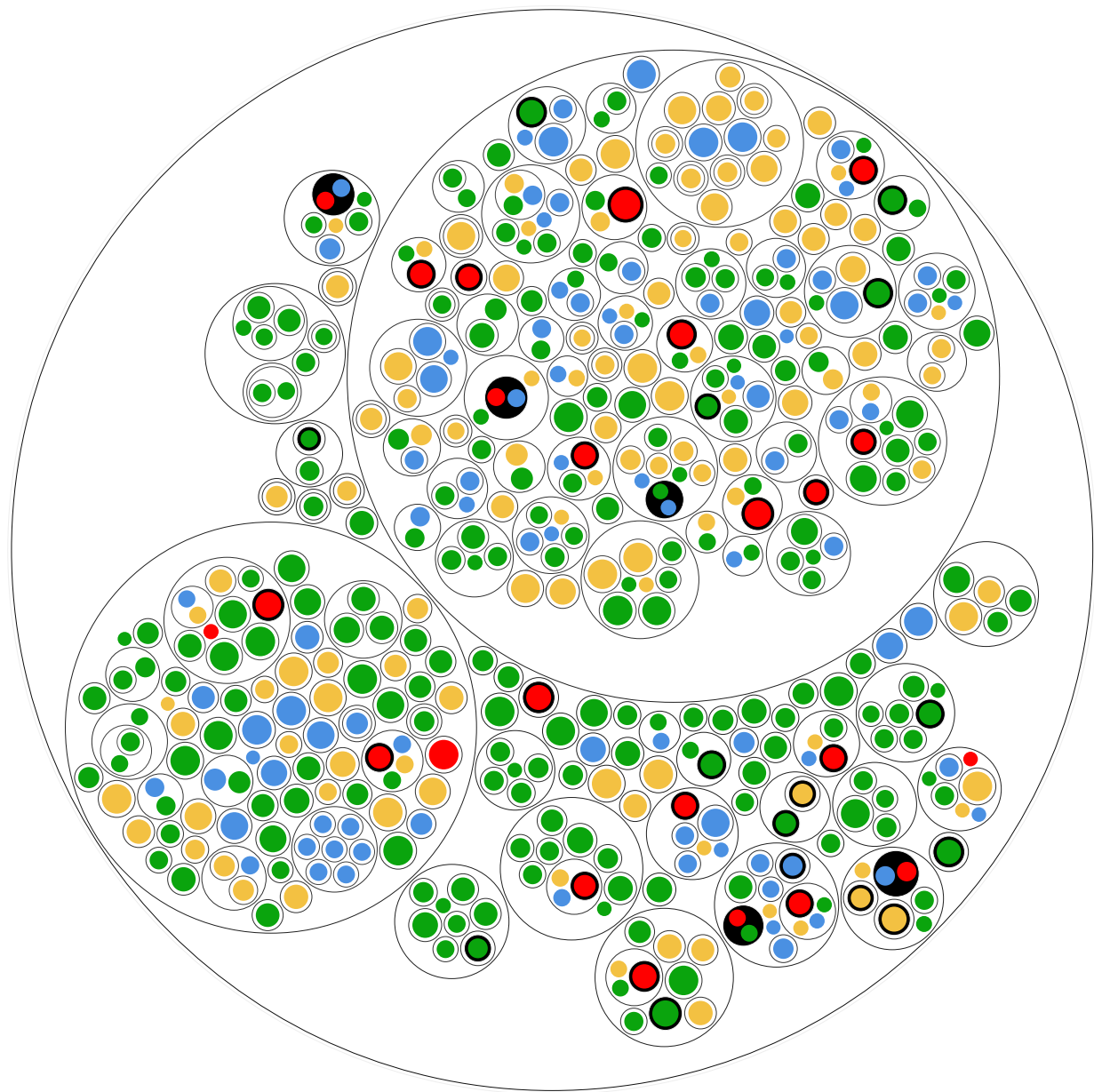


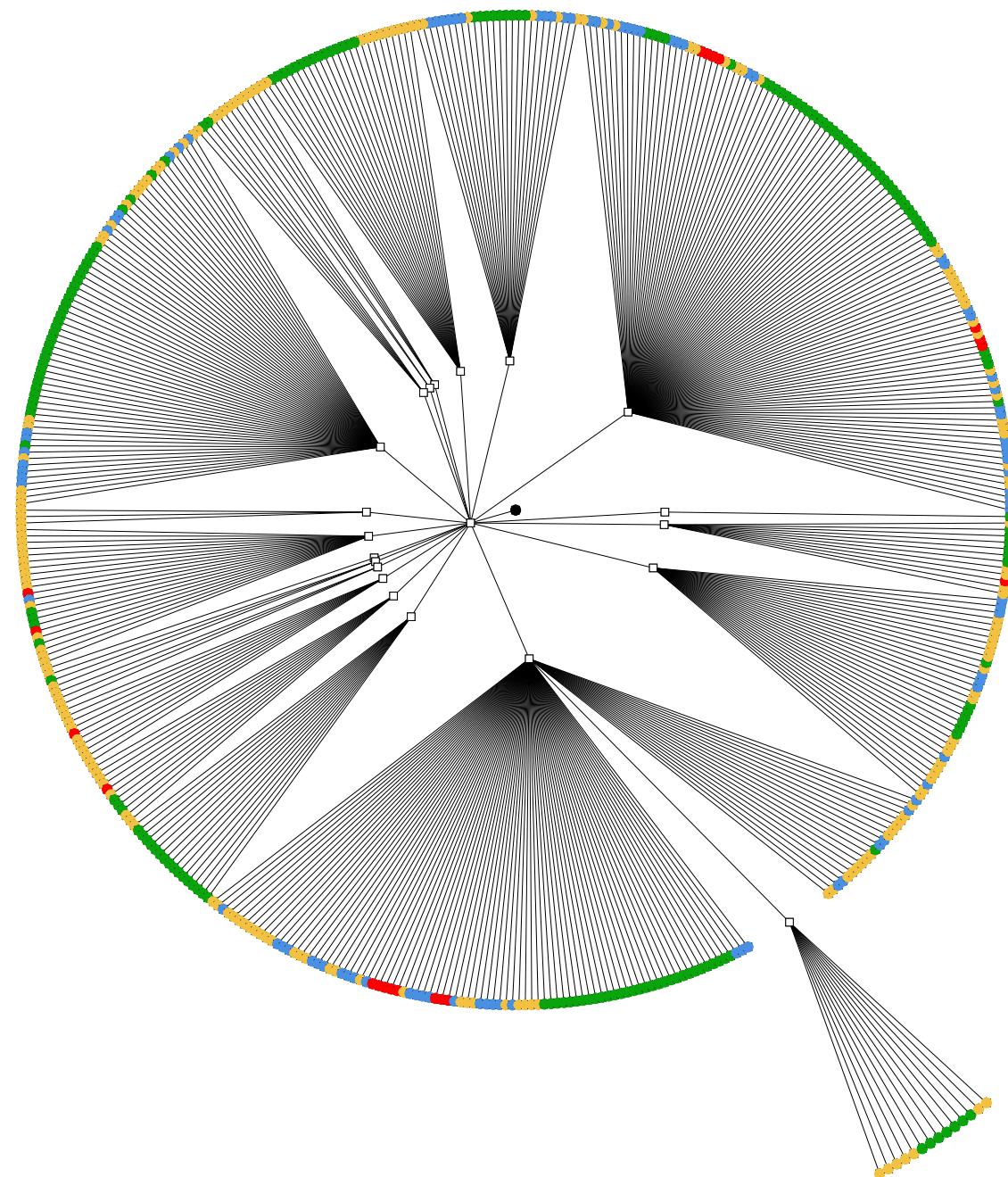
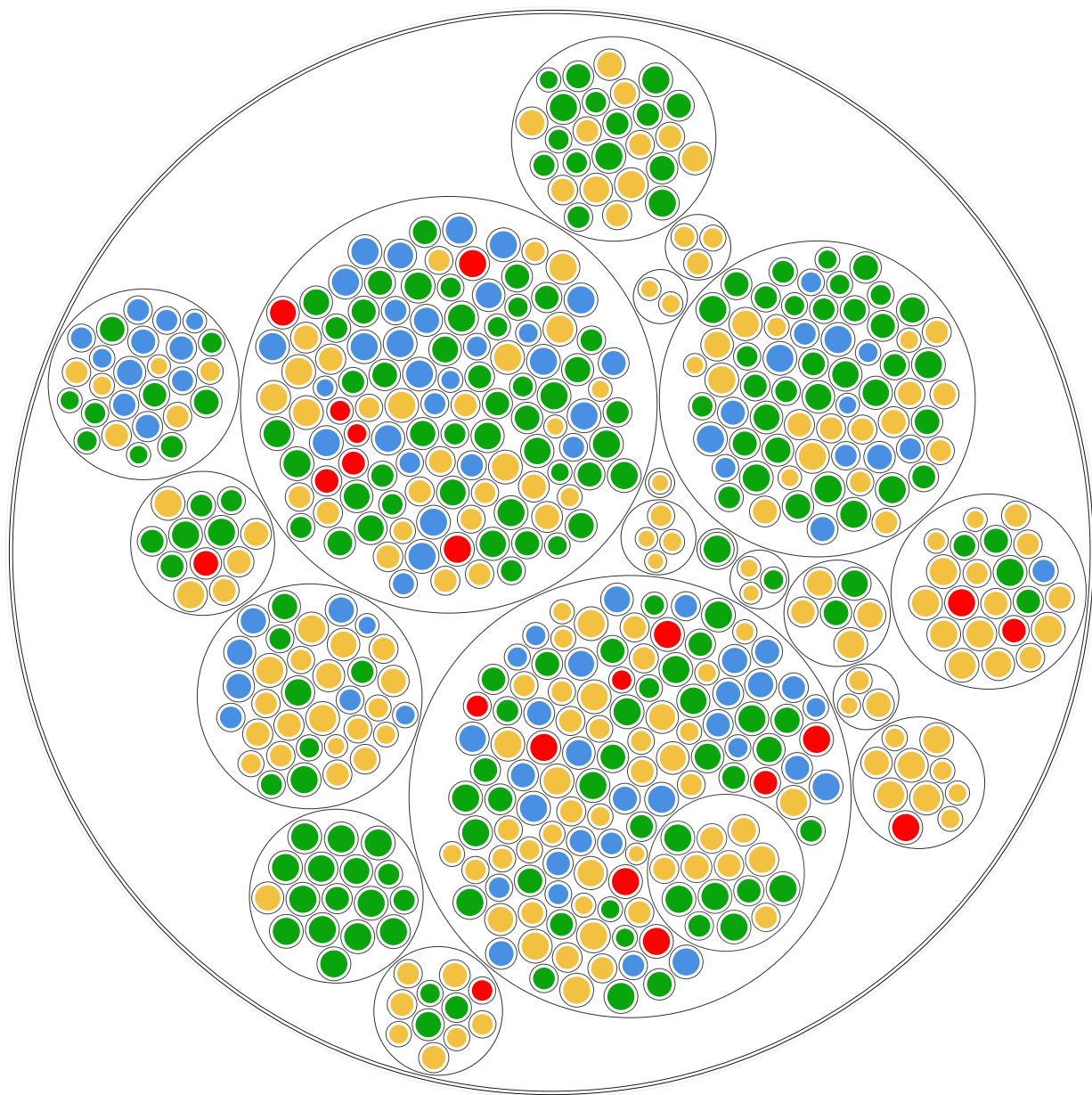


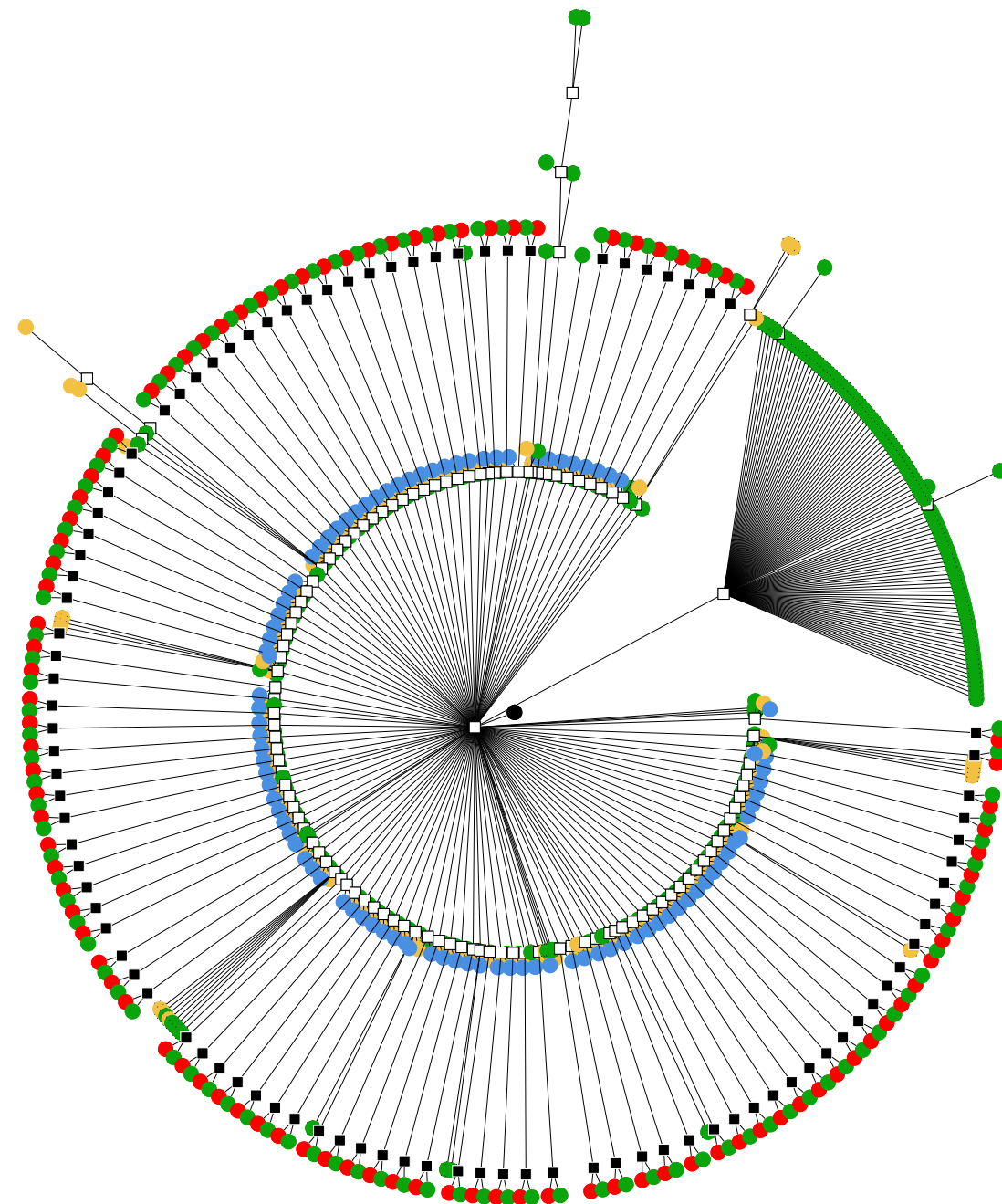
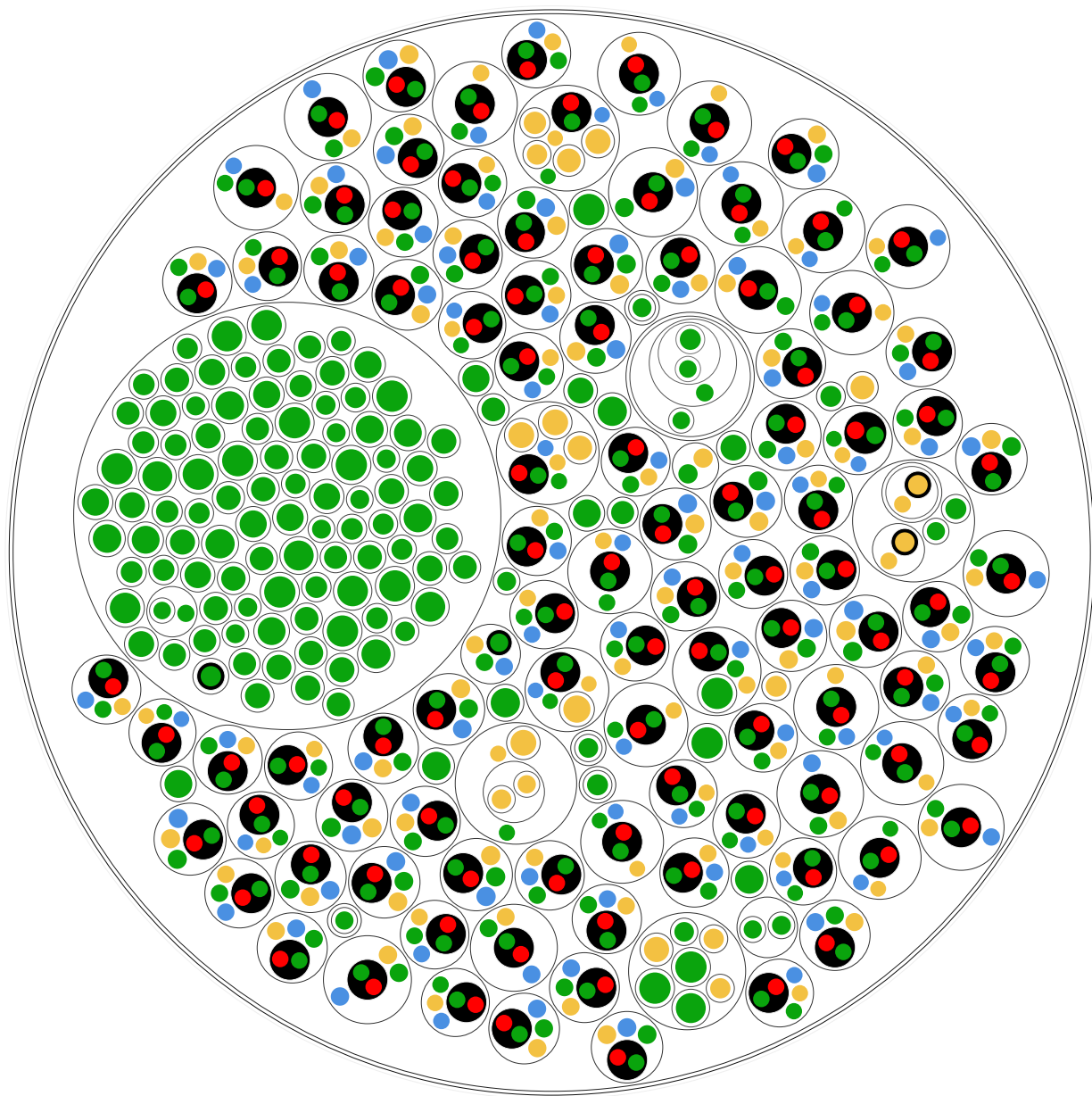
Create Read Update Delete

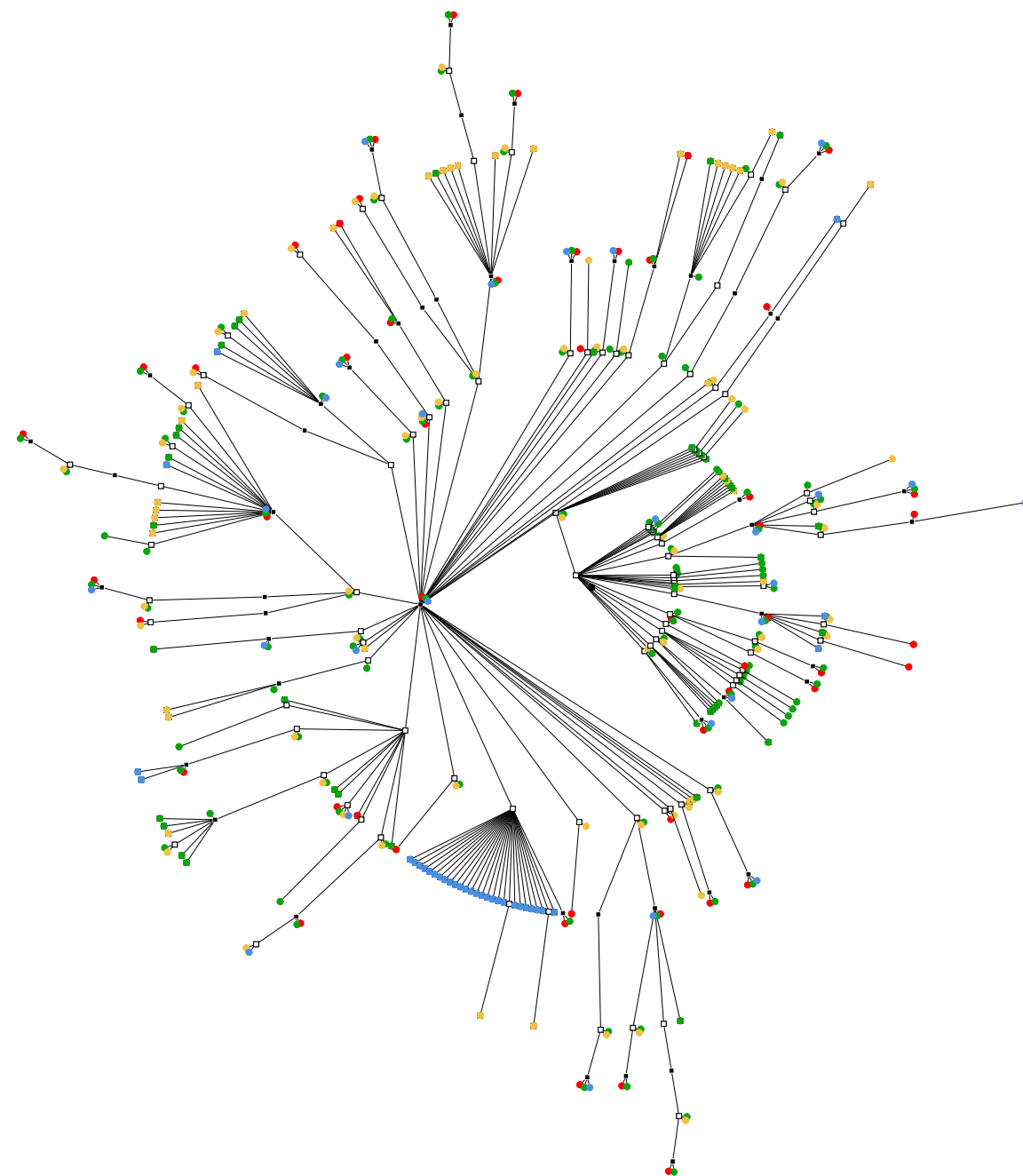
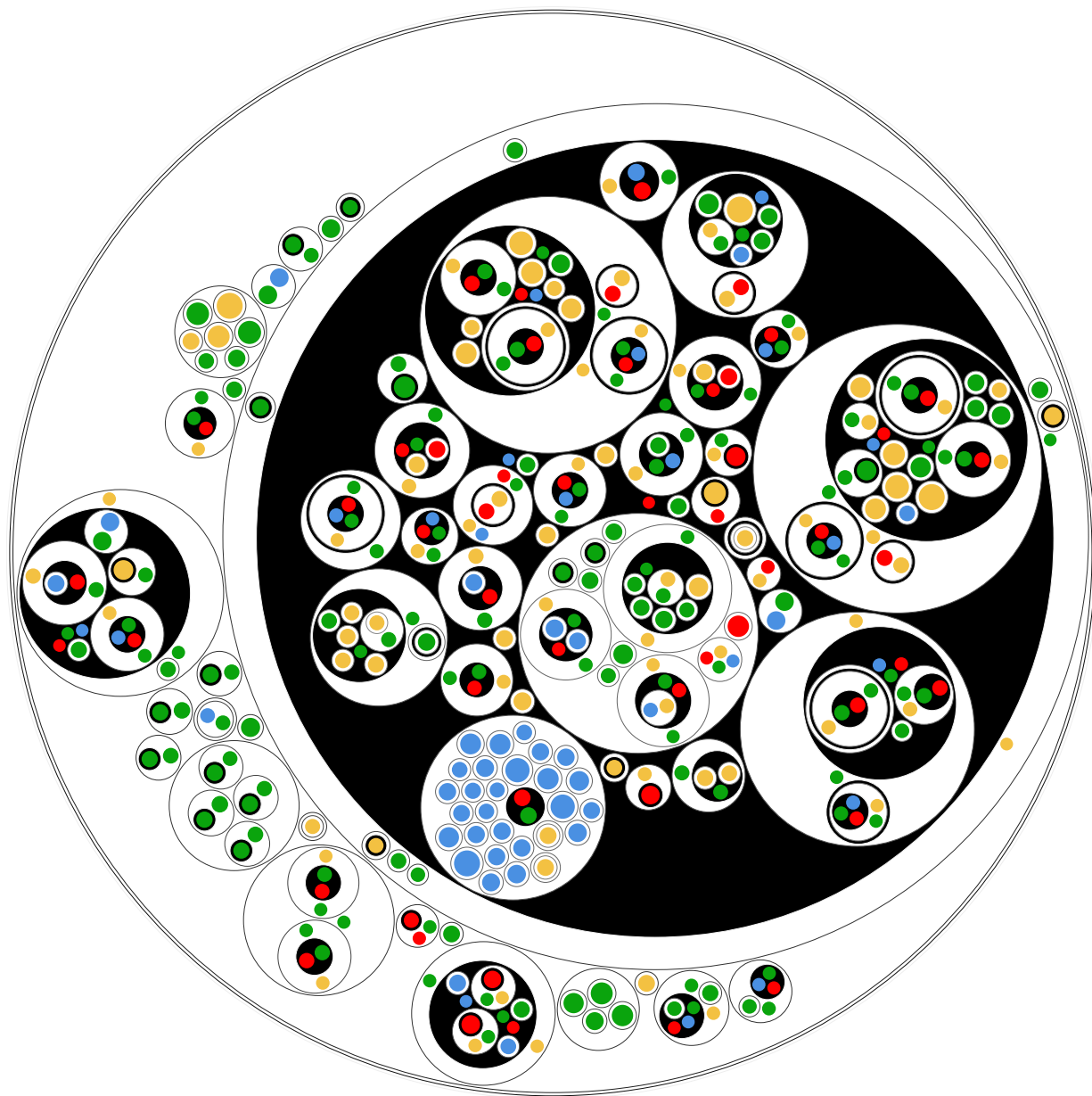




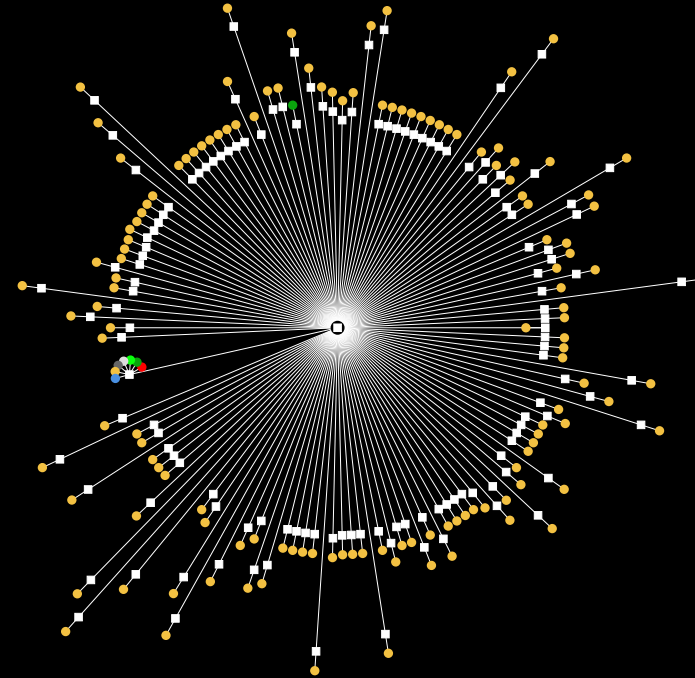
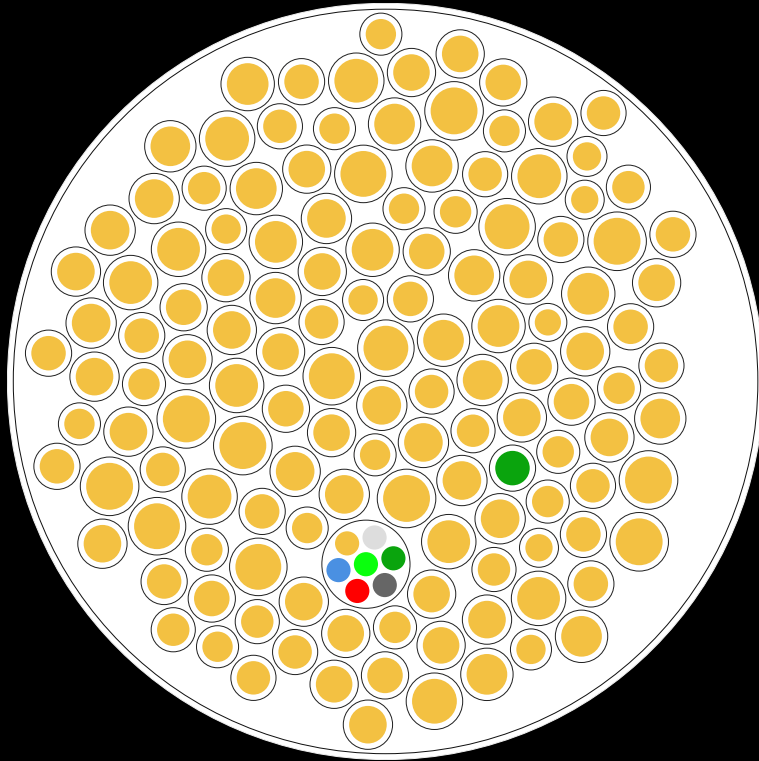


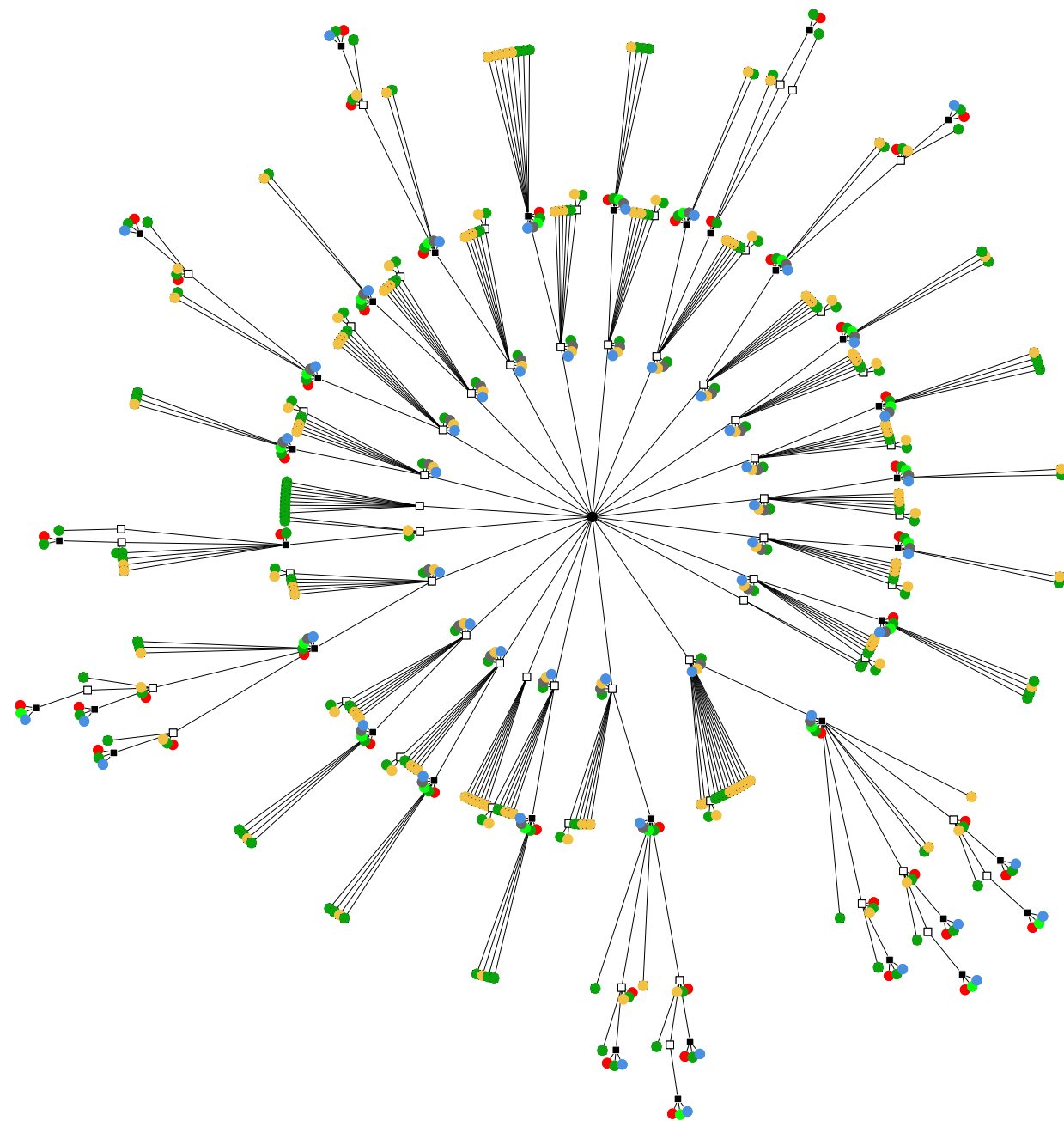
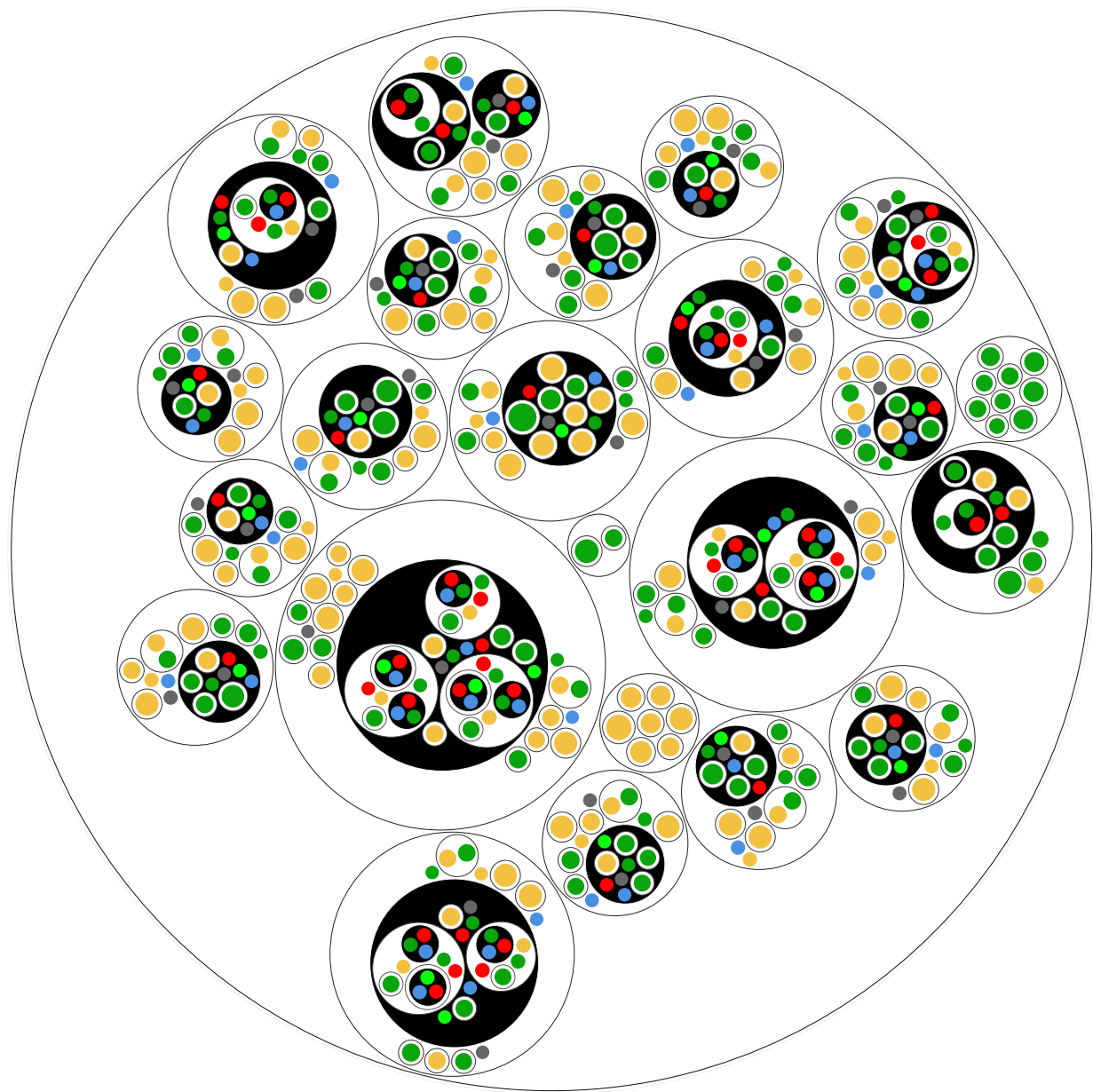


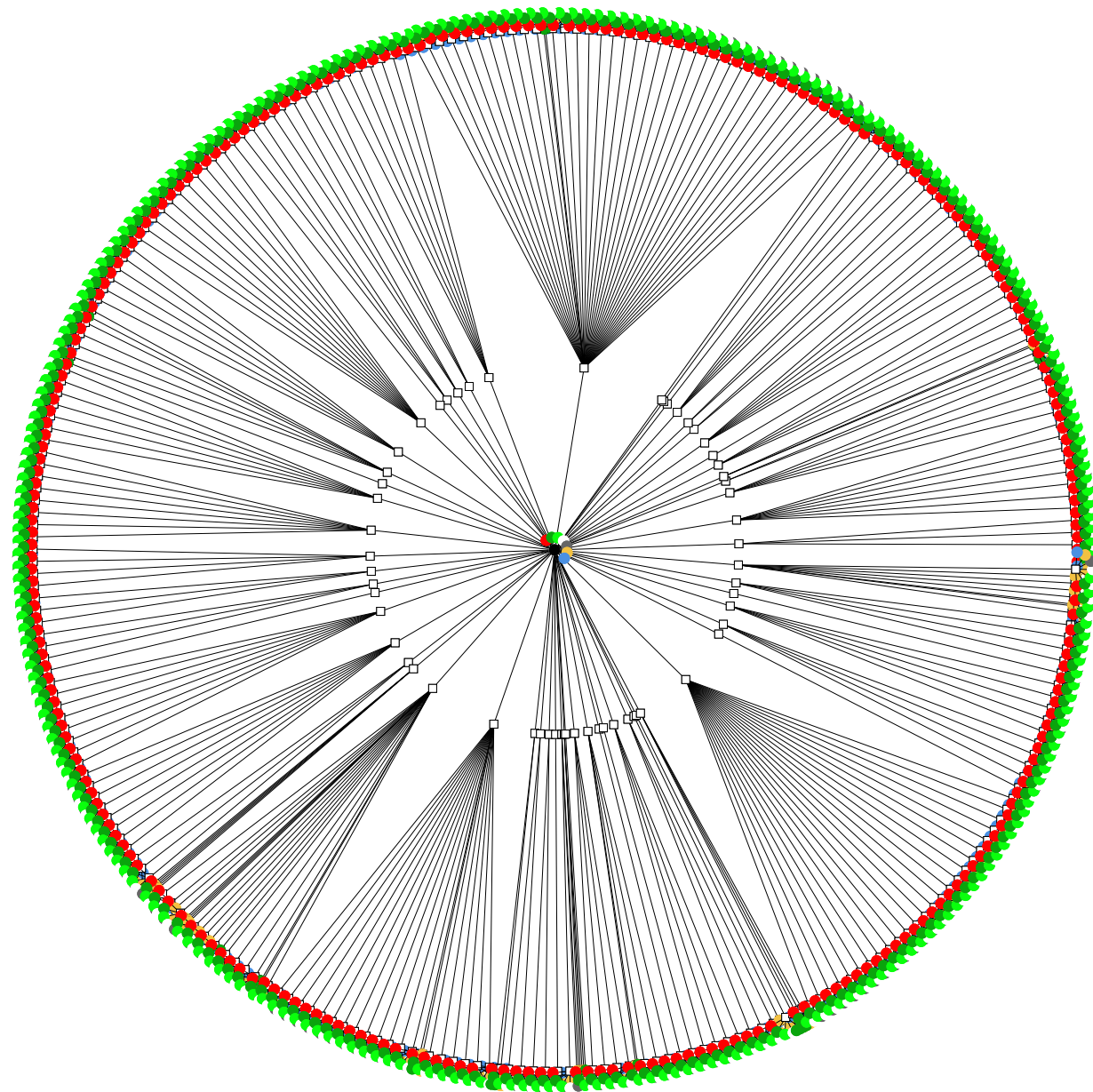
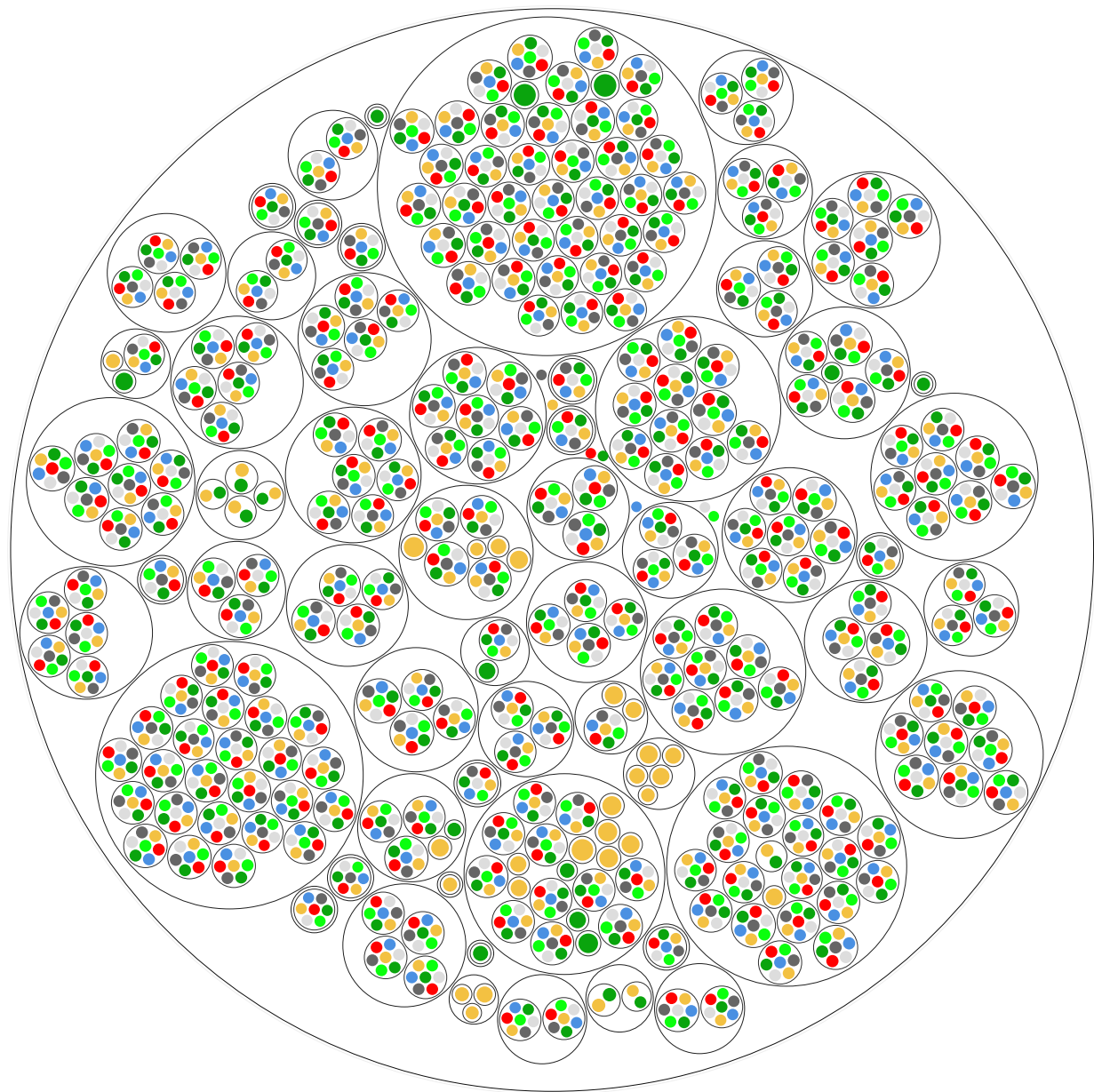


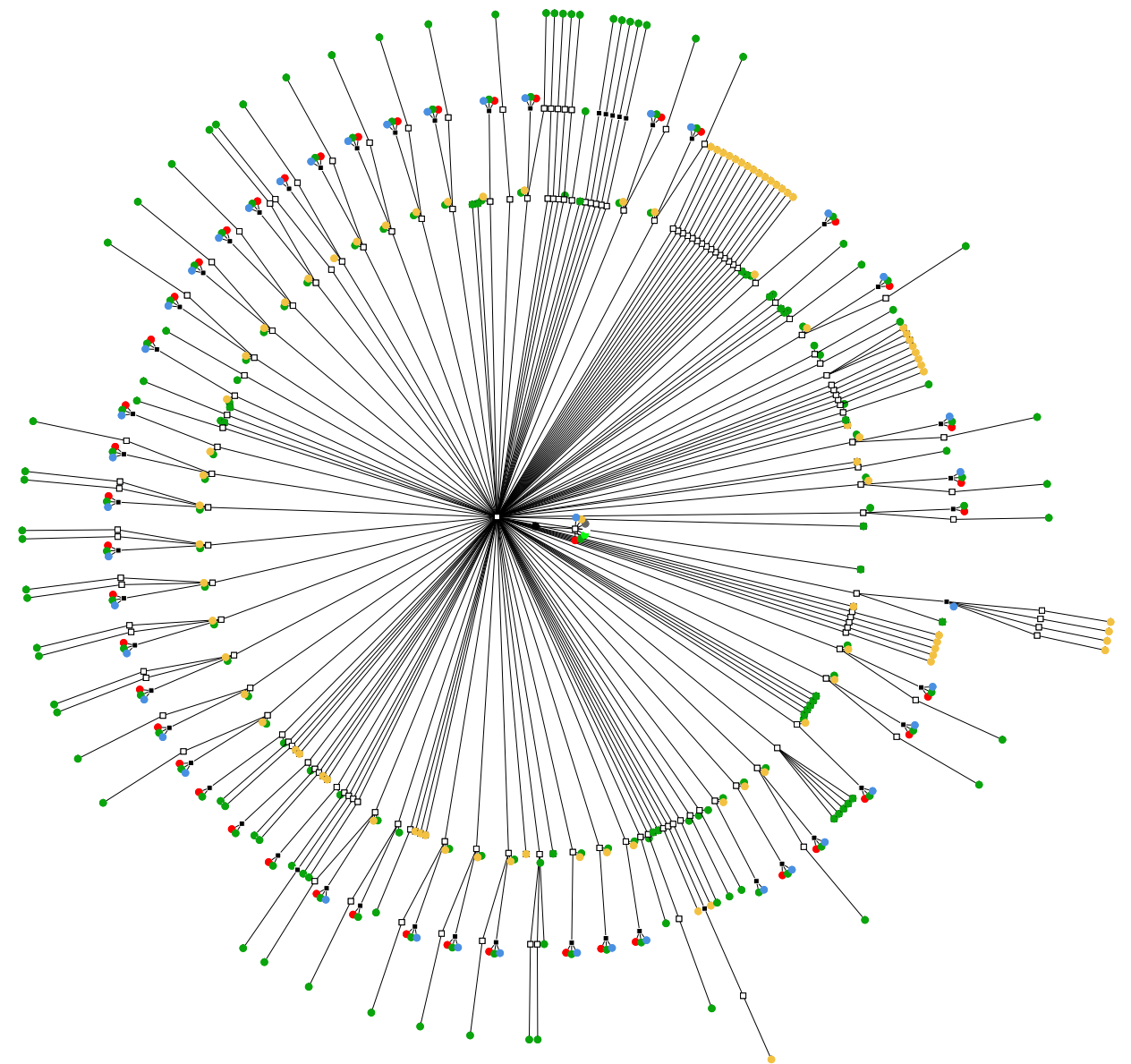
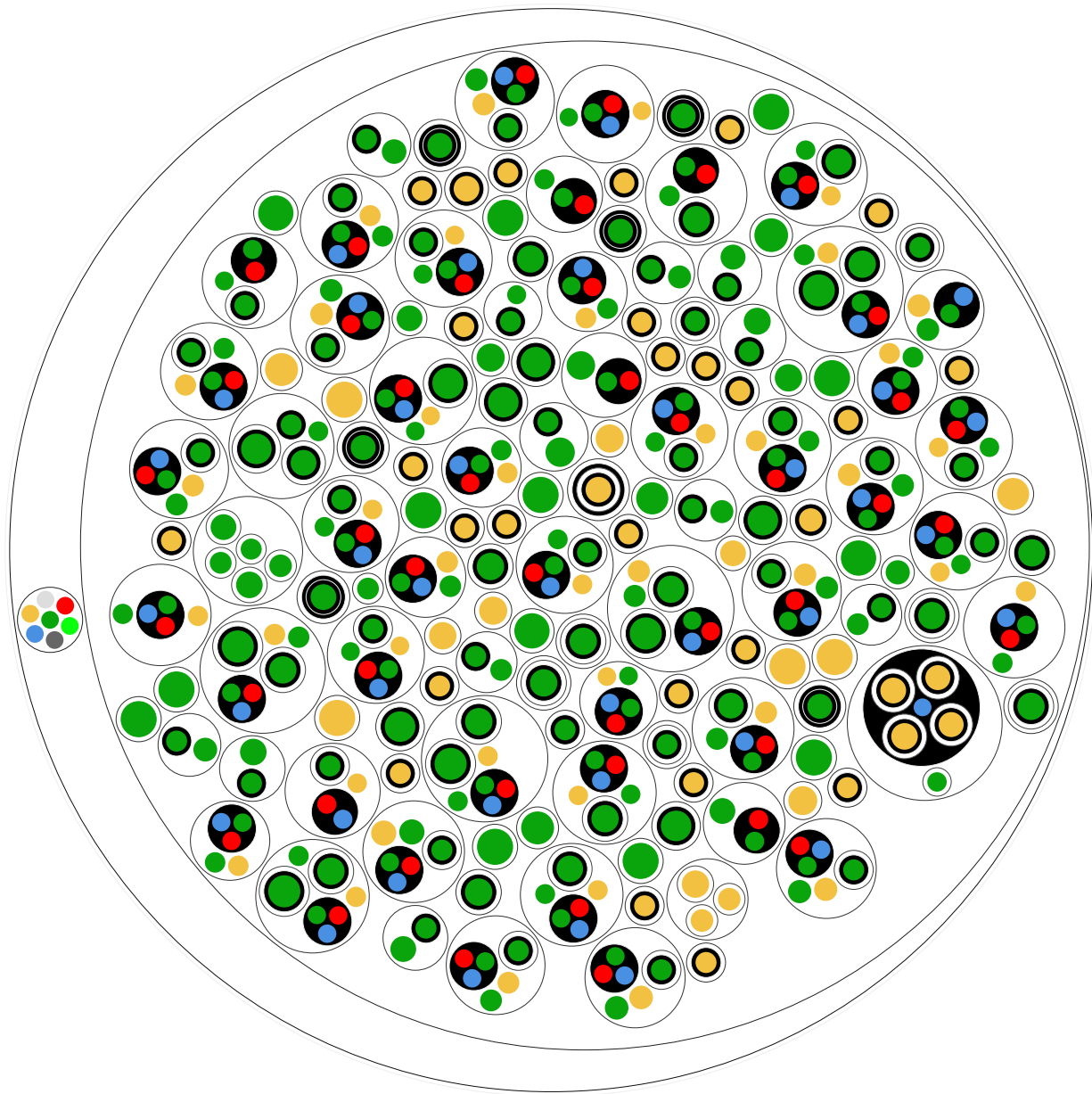


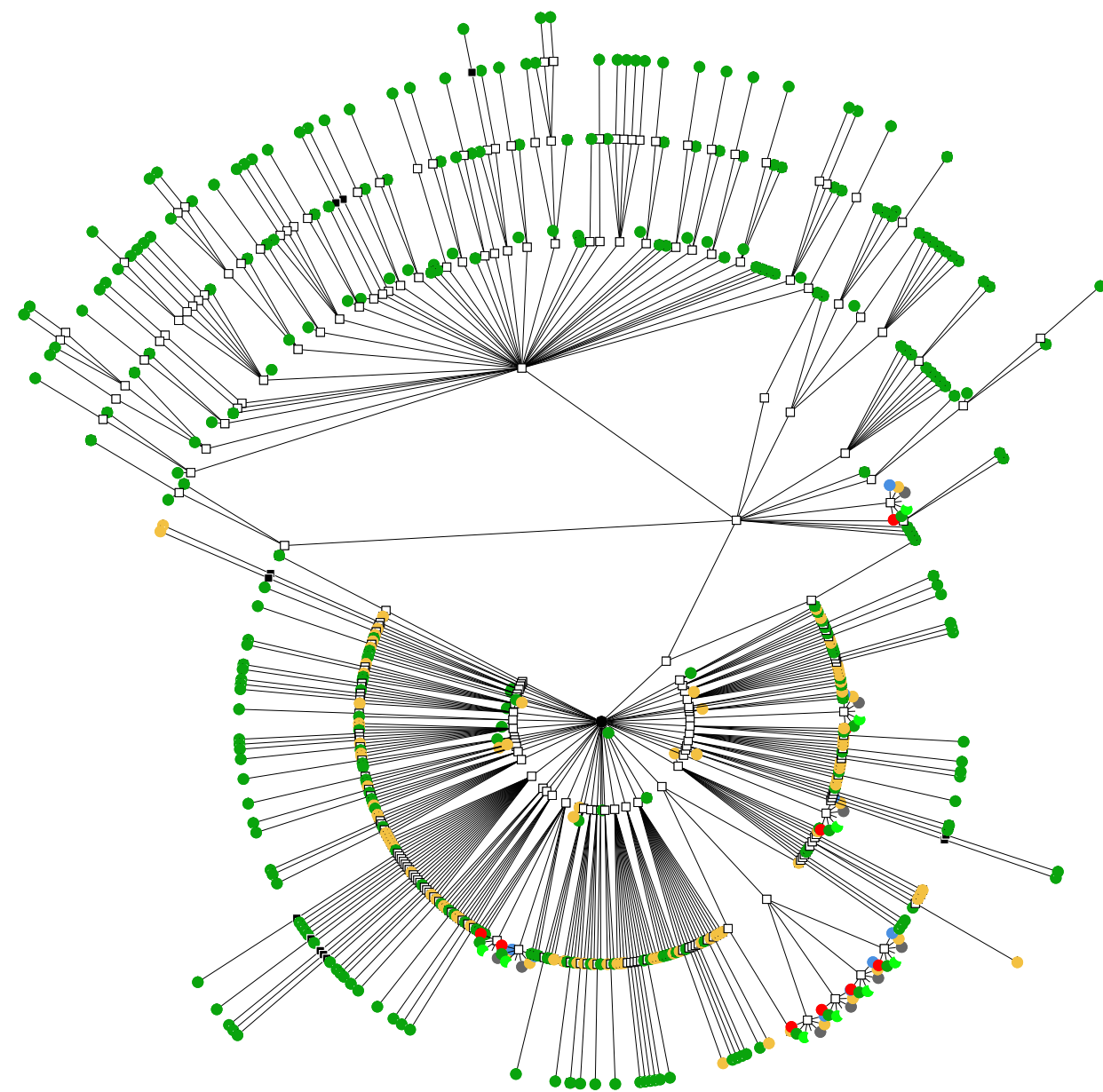
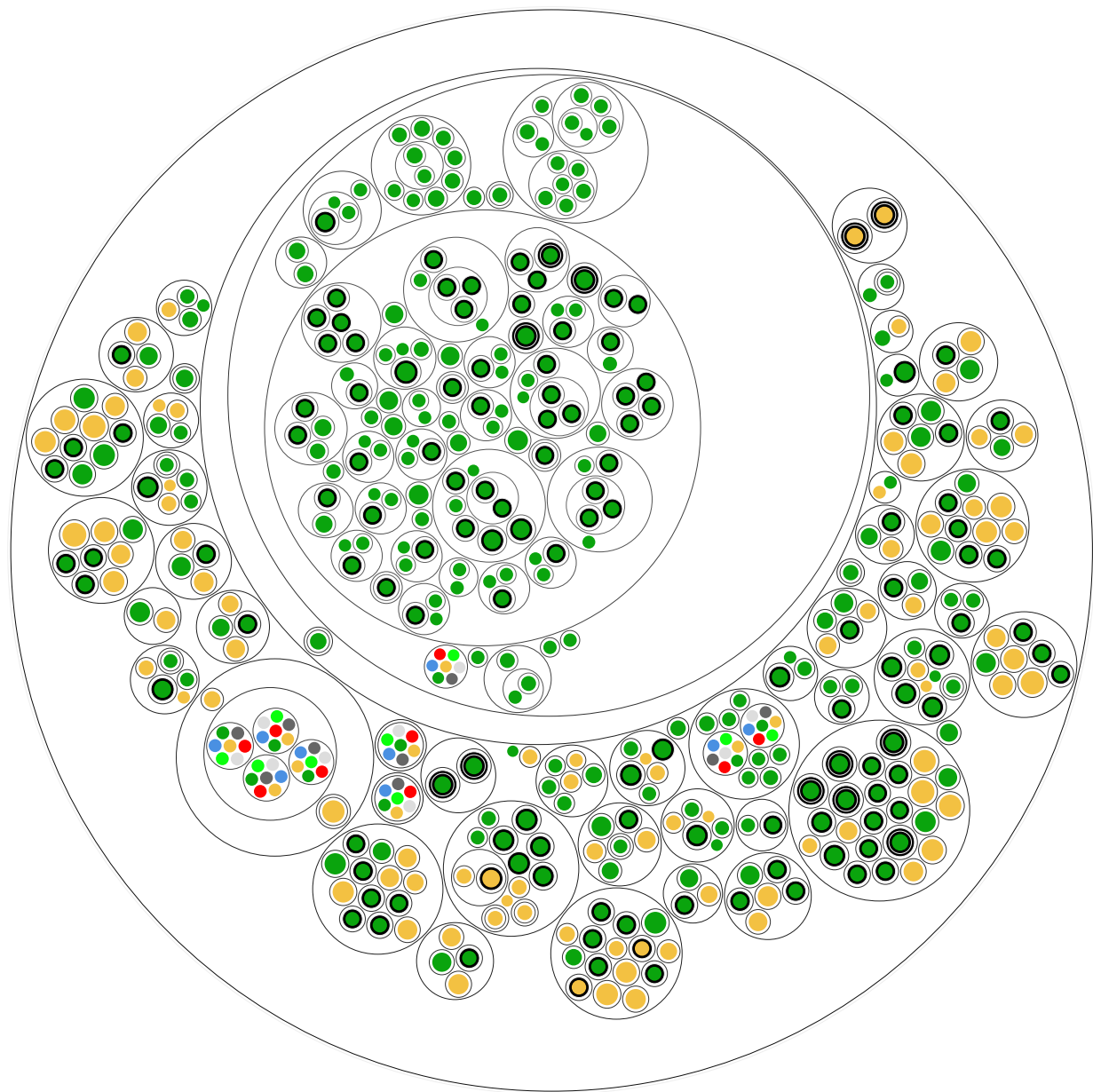
REST



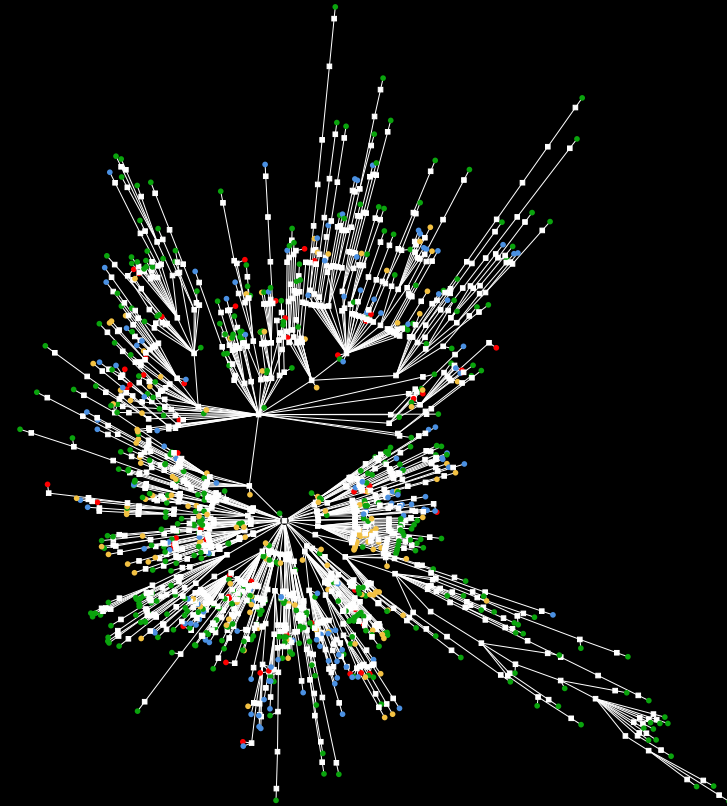
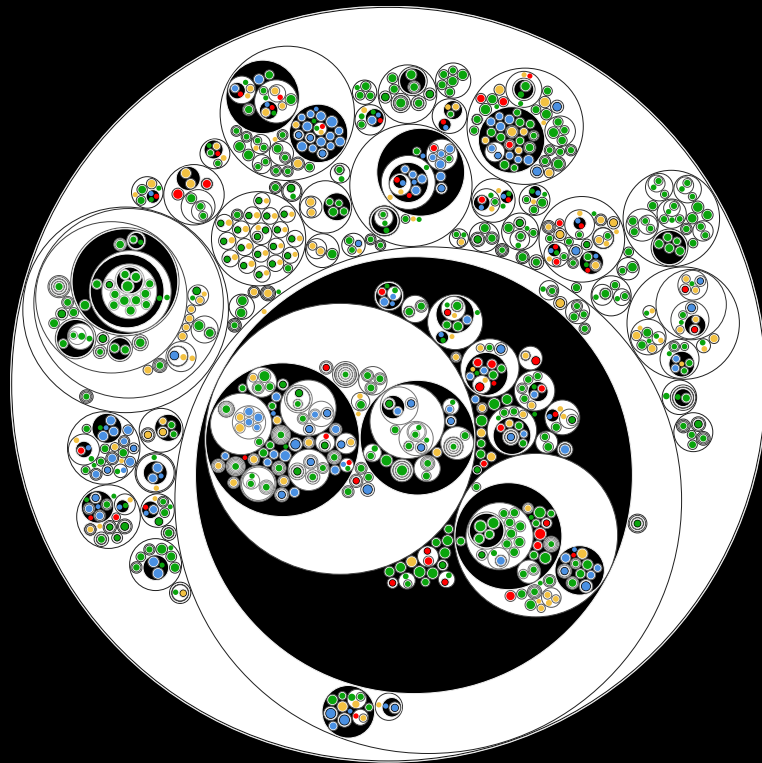


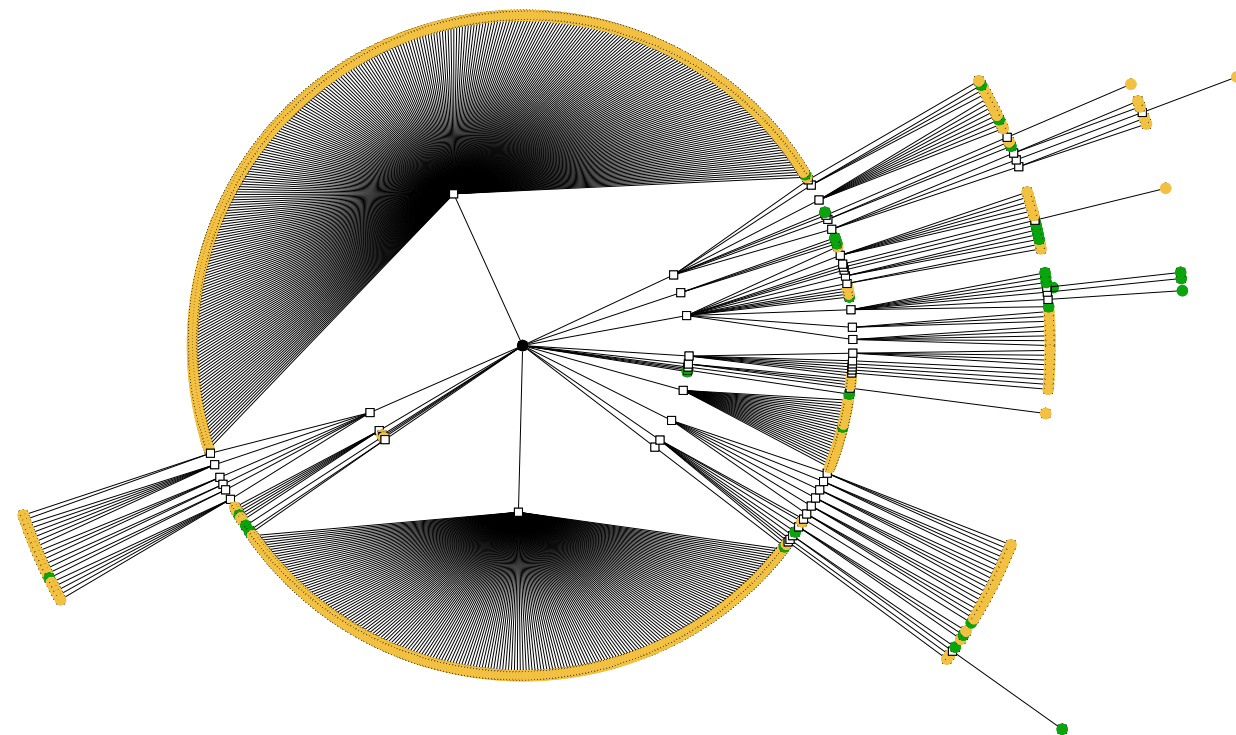
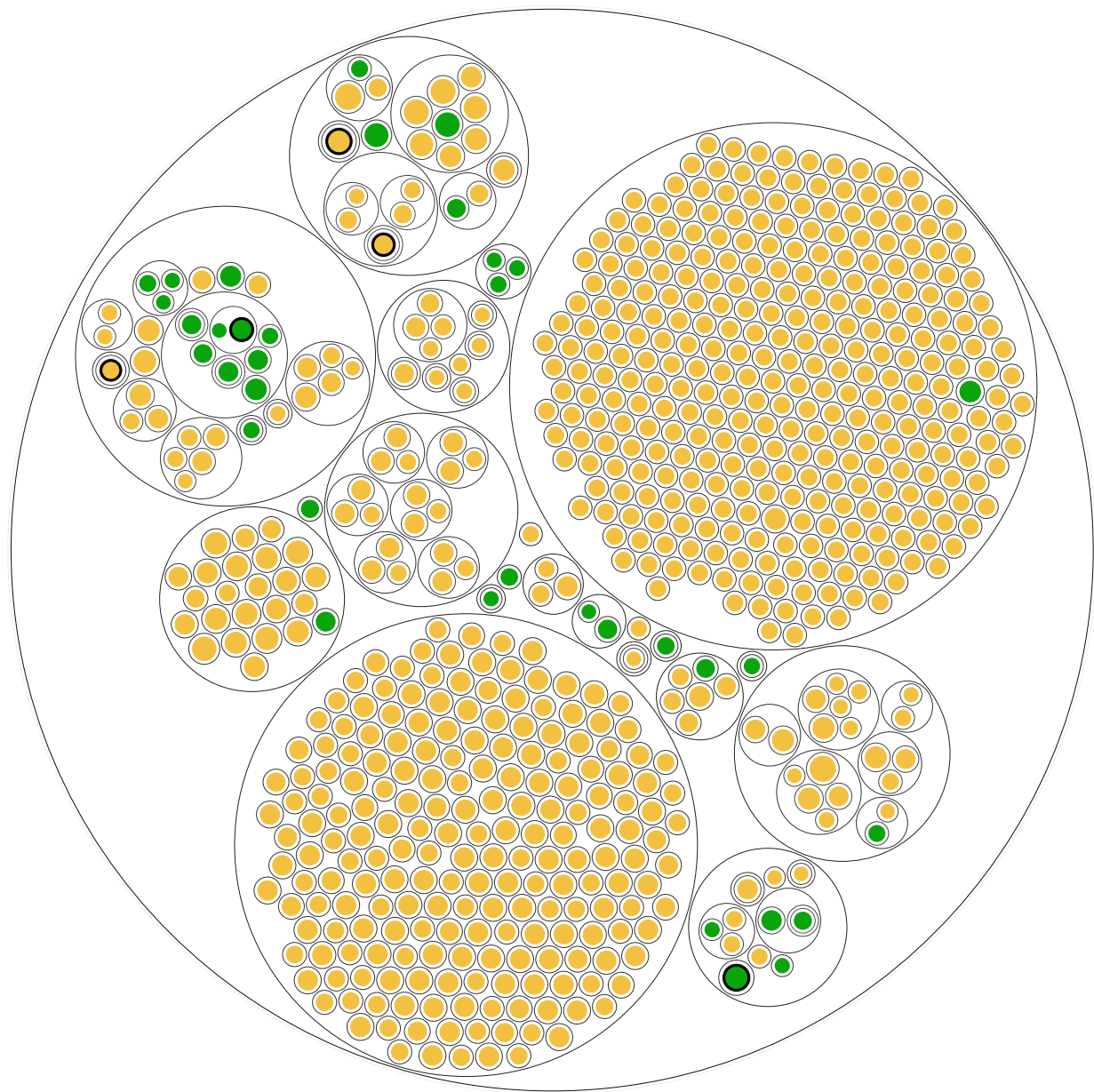


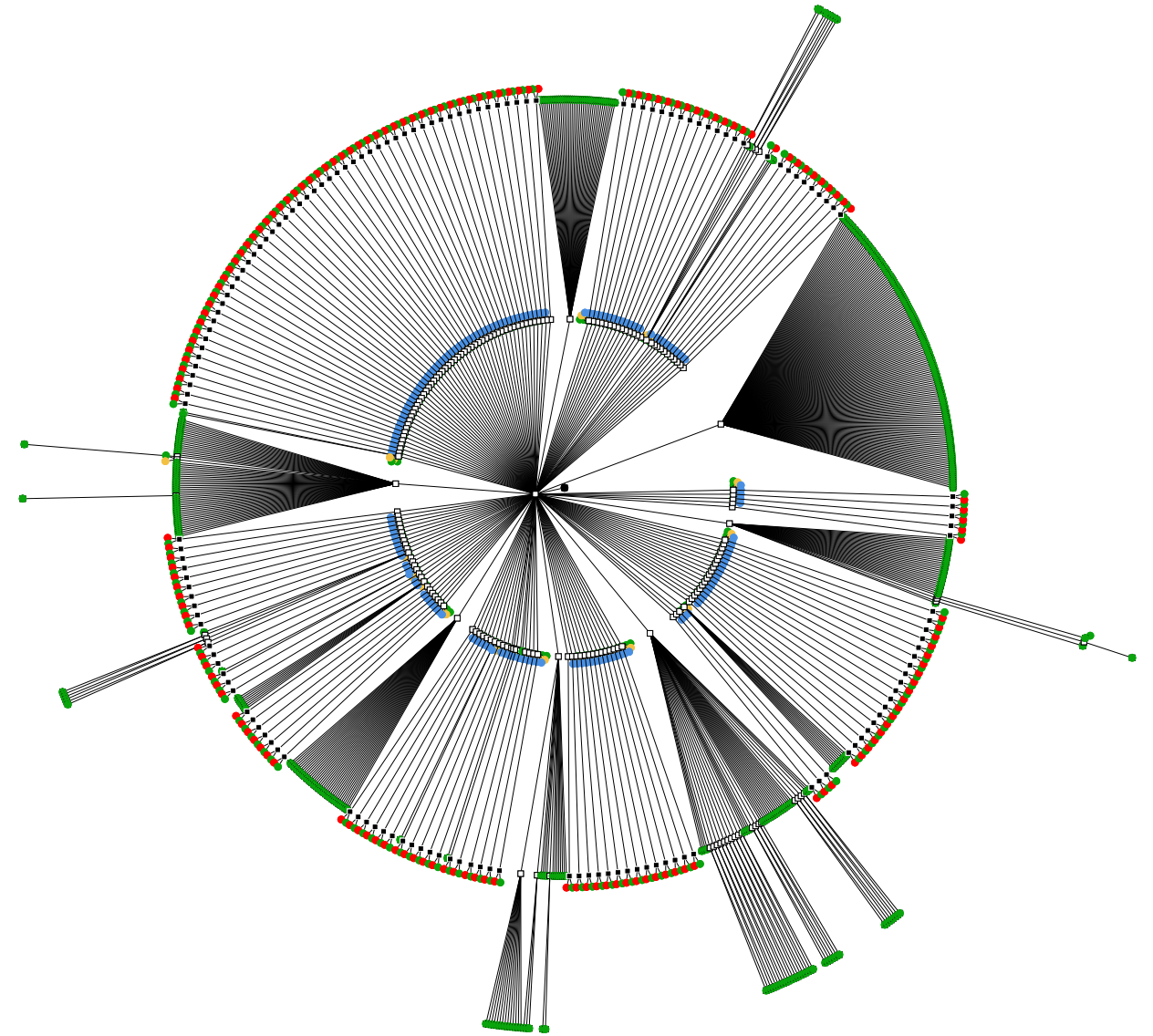
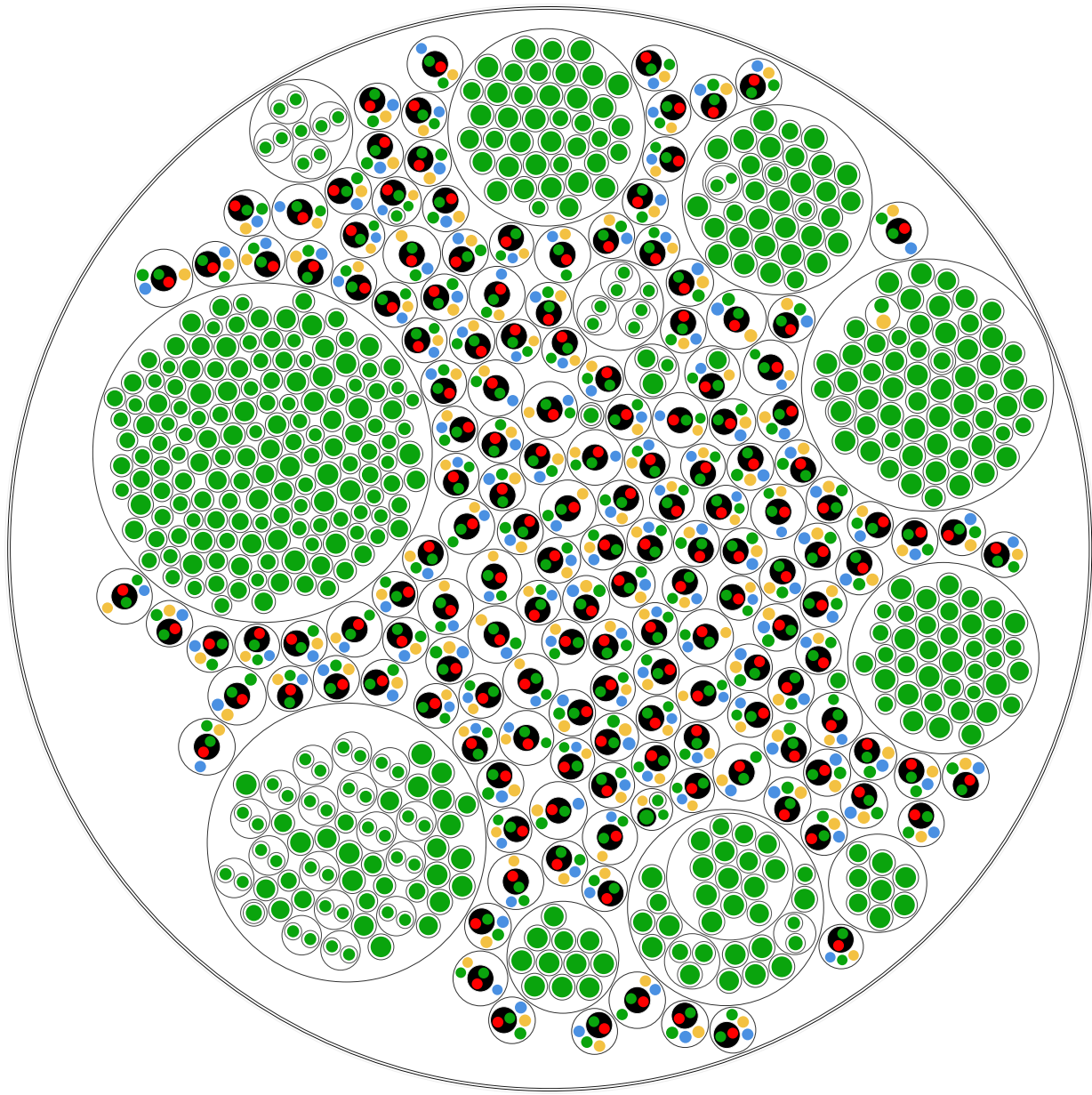


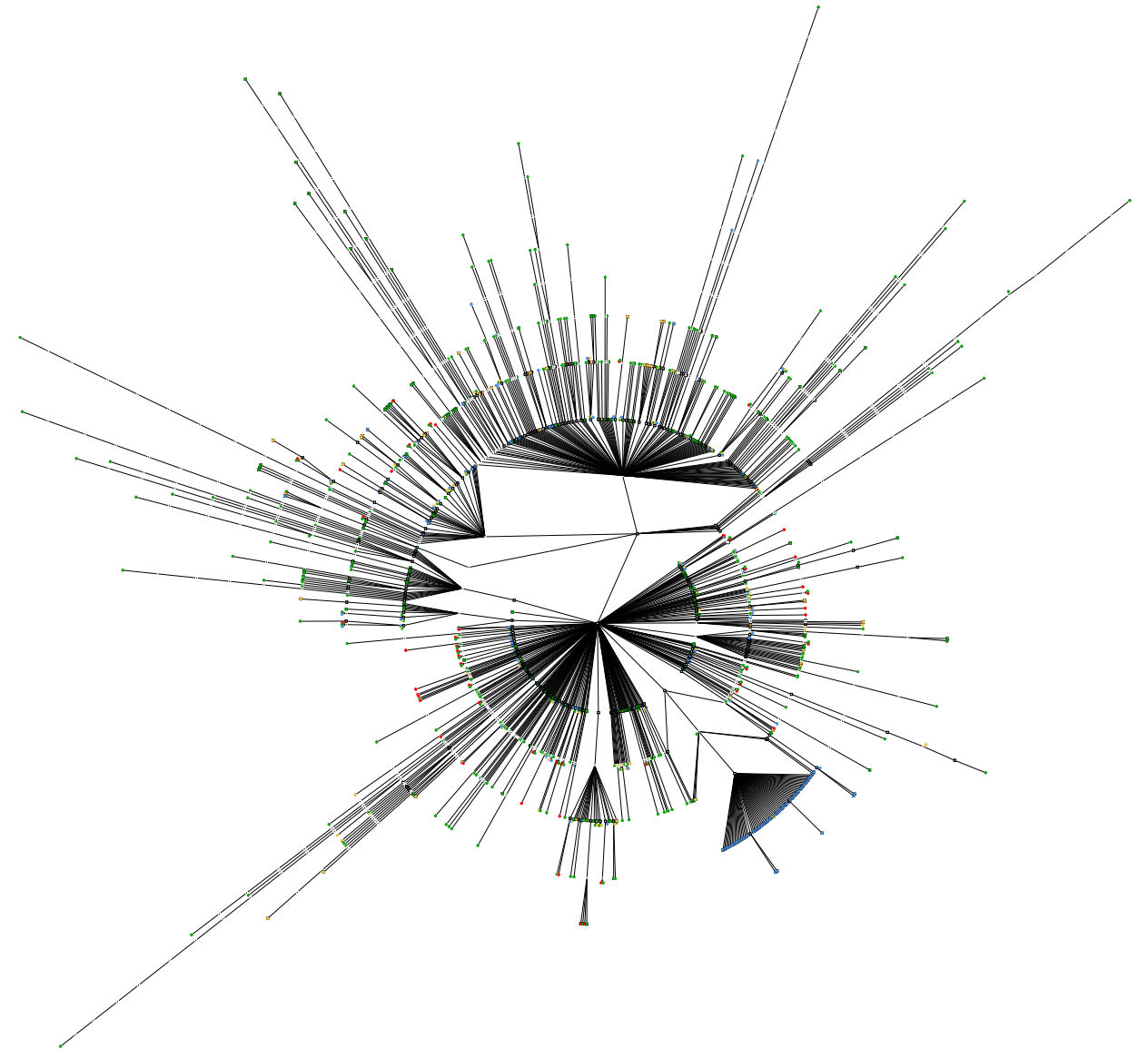
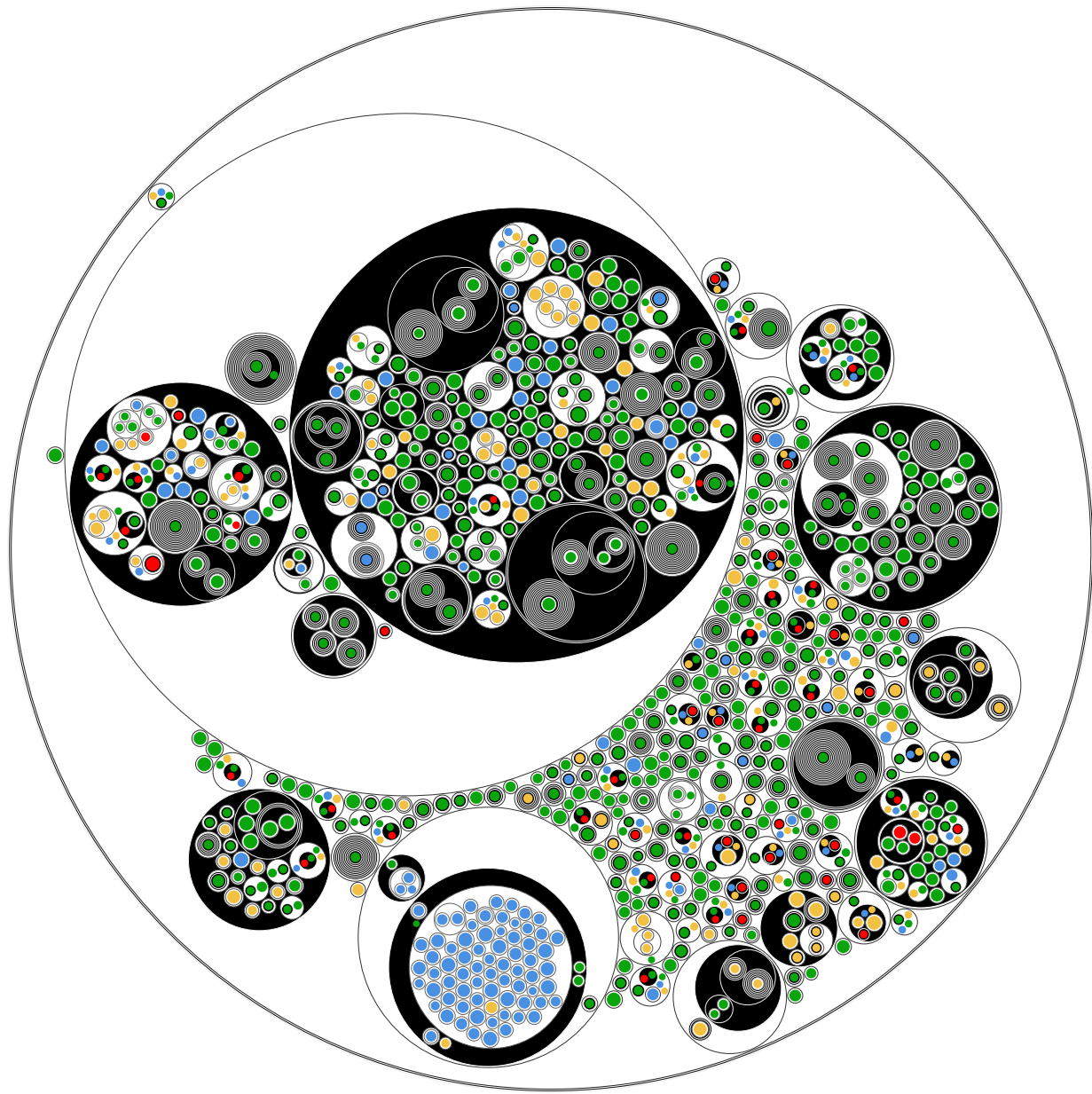


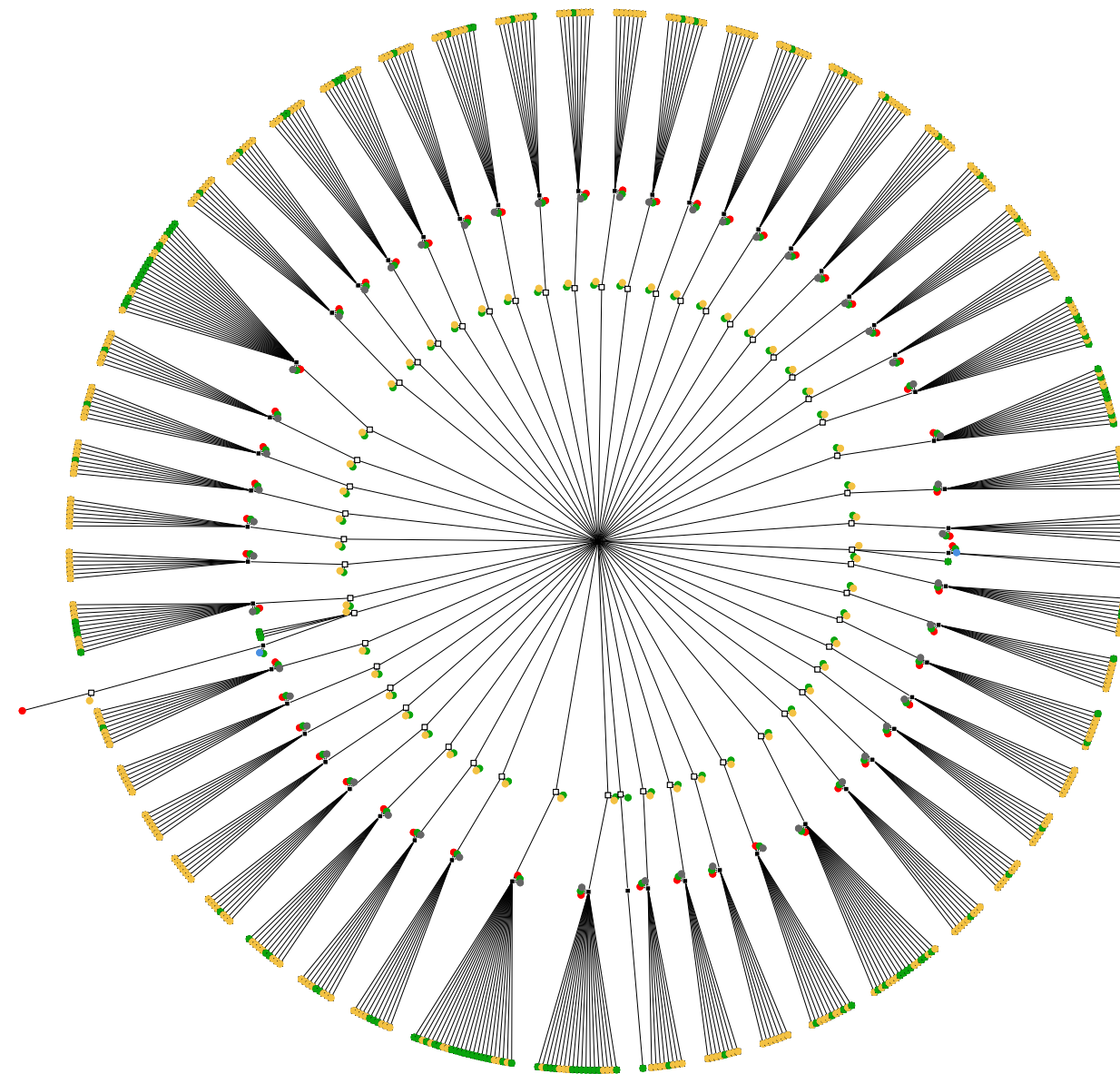
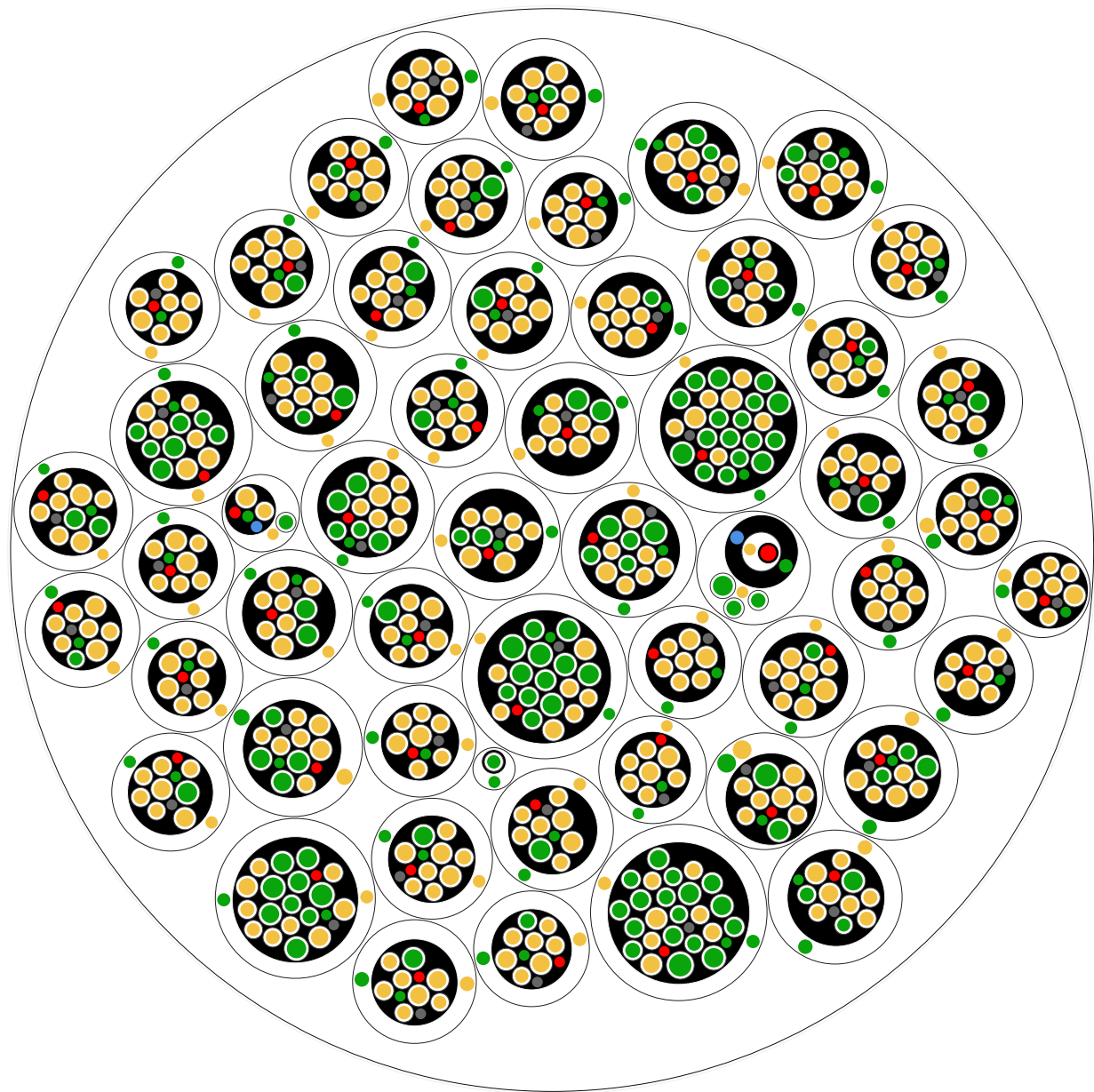
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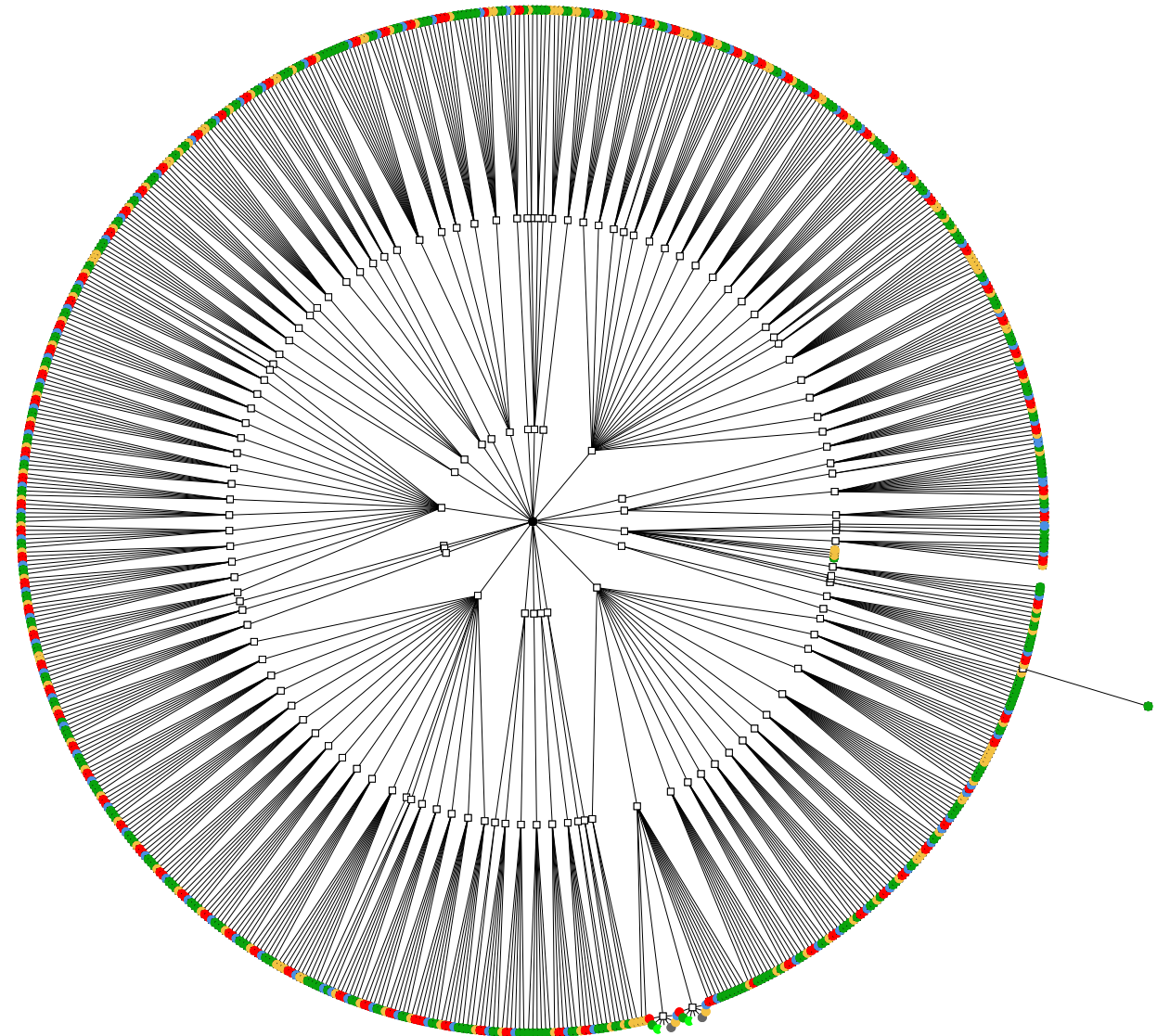
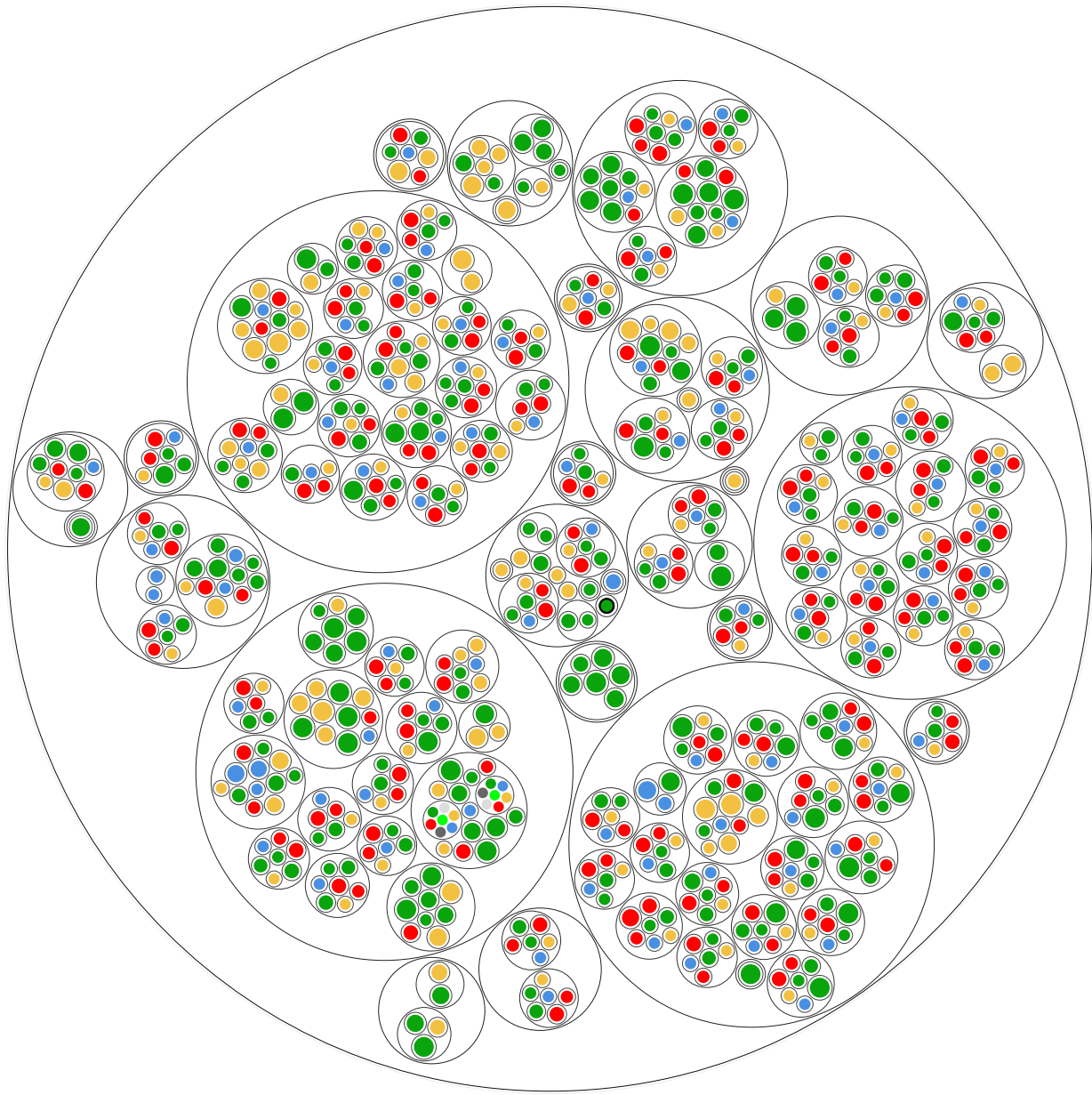


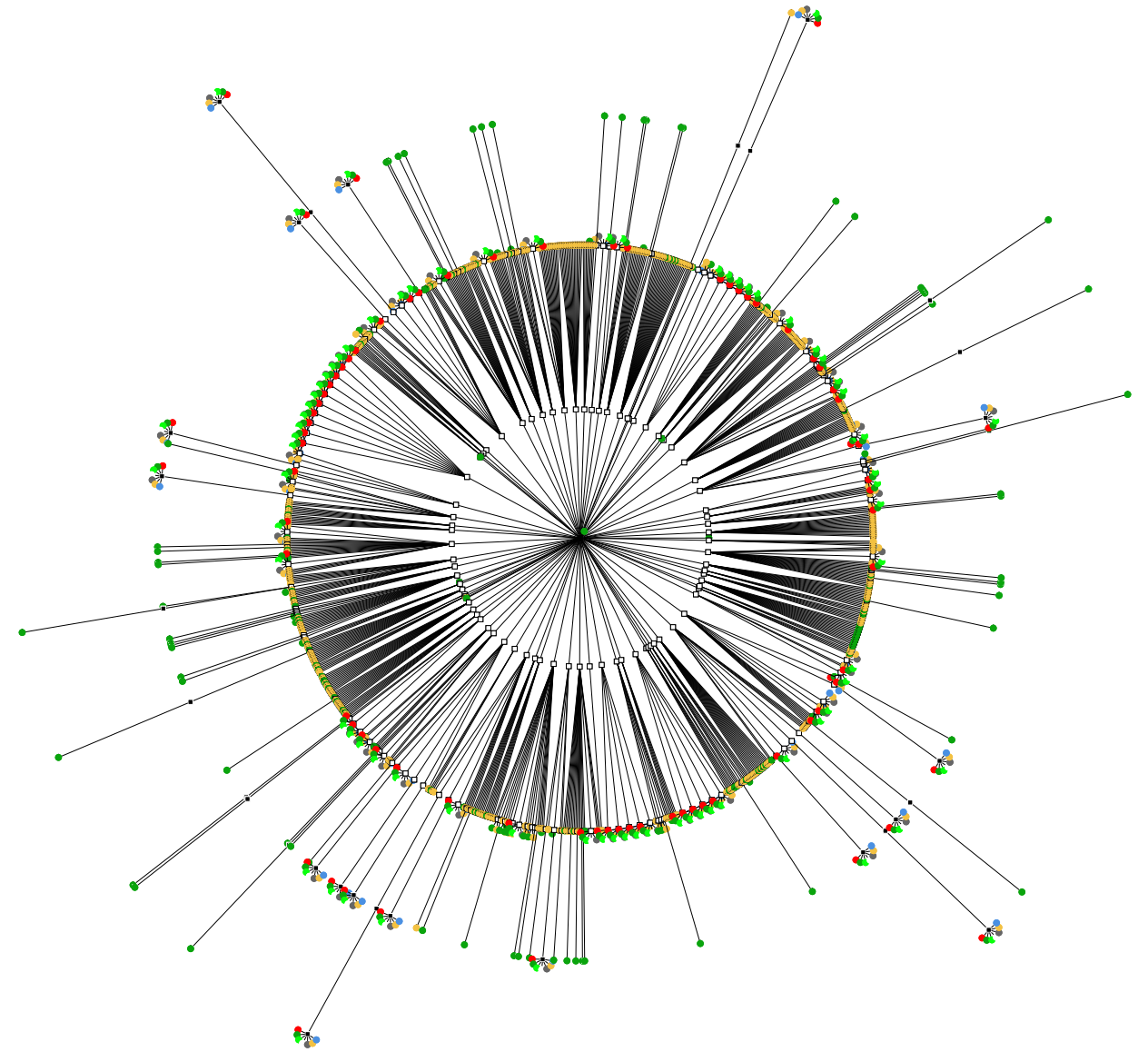
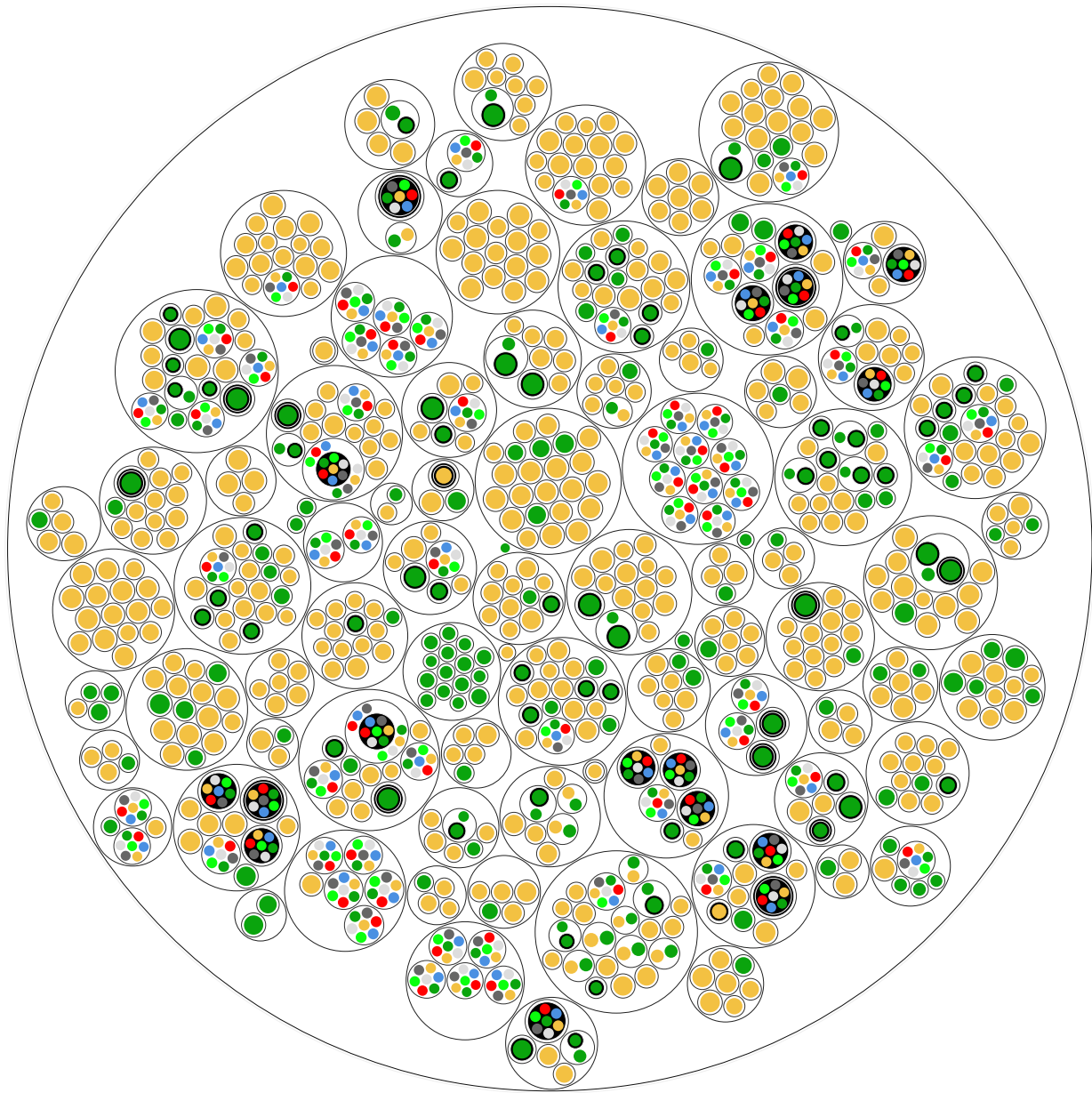


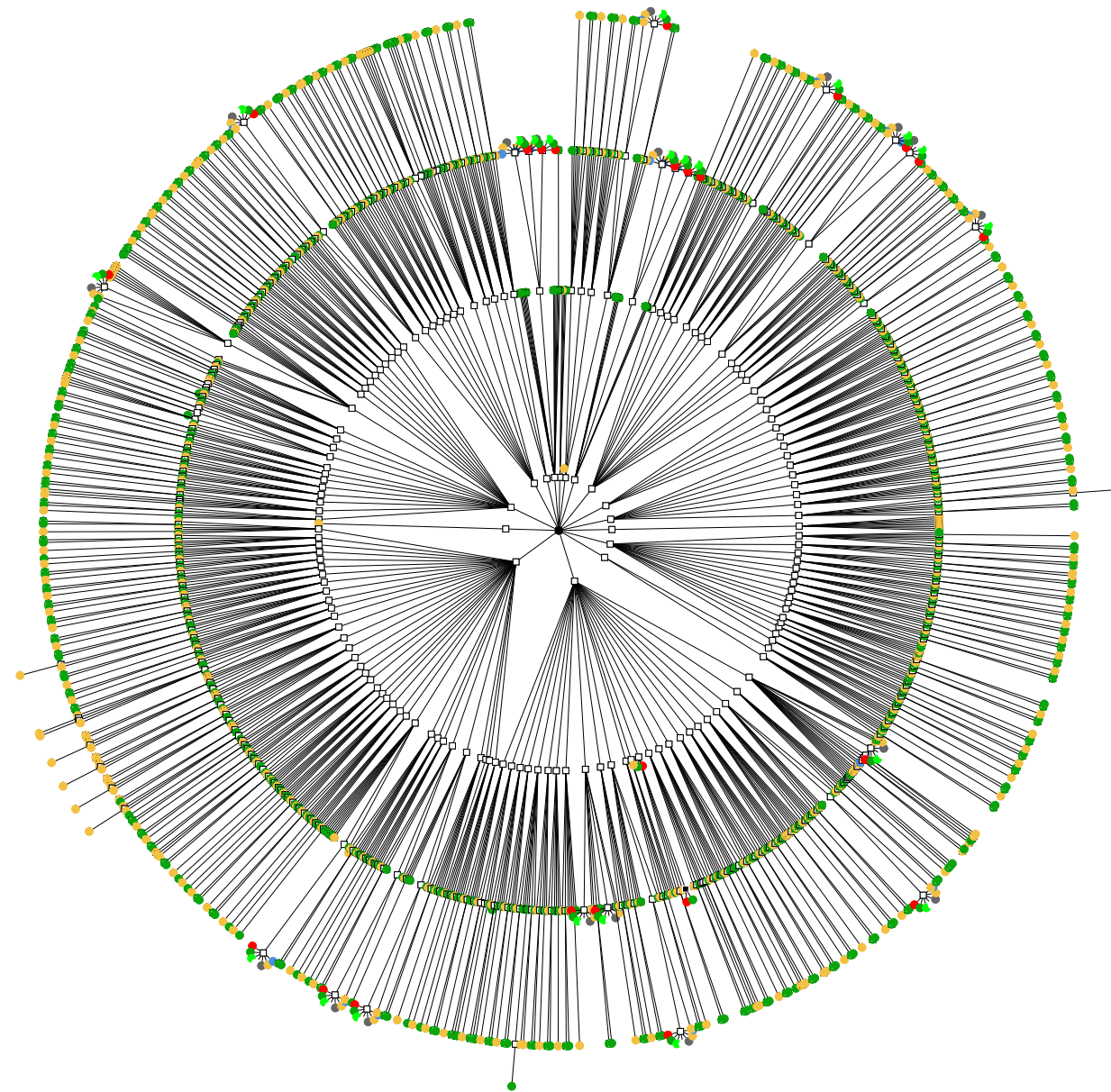
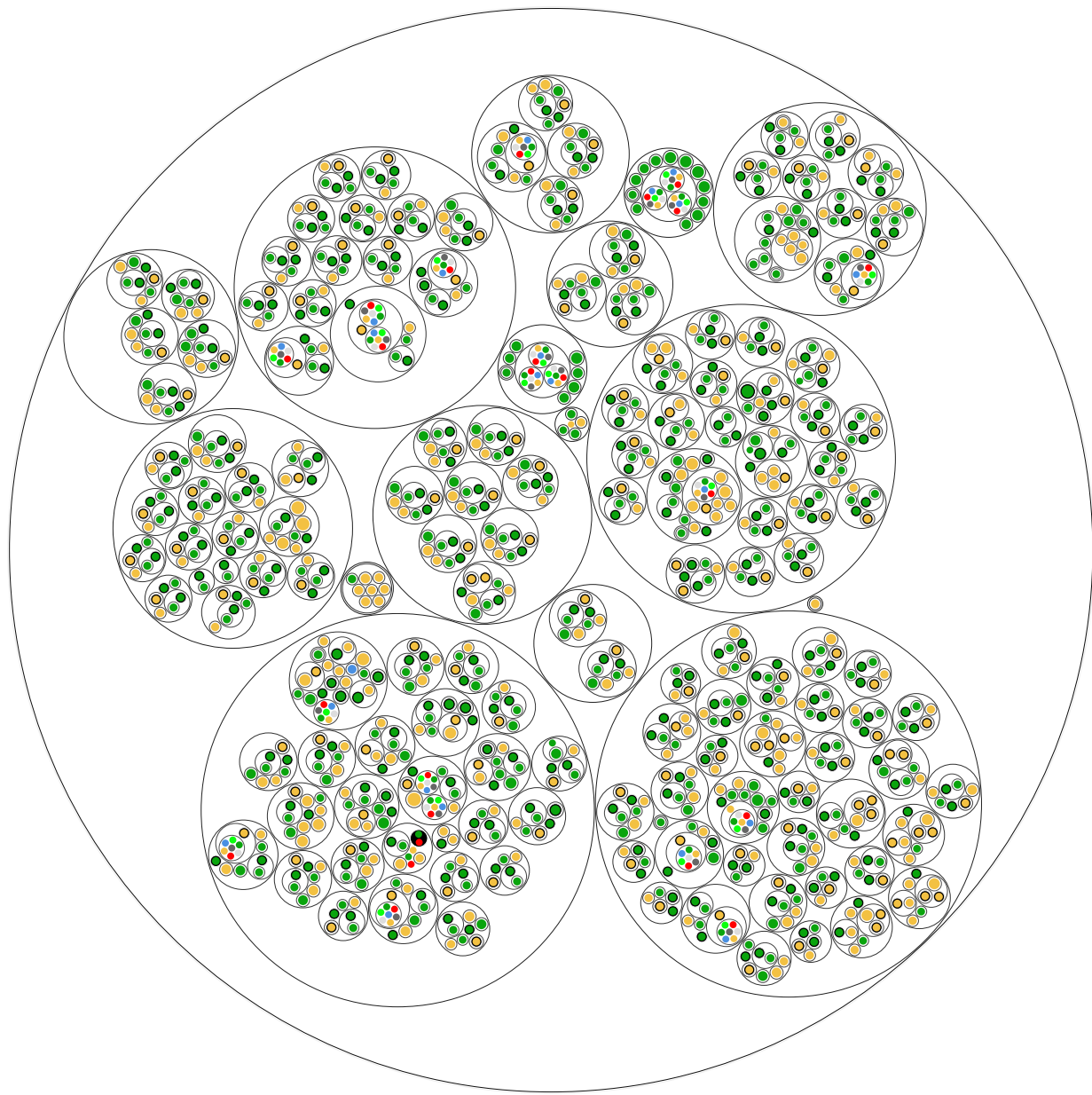


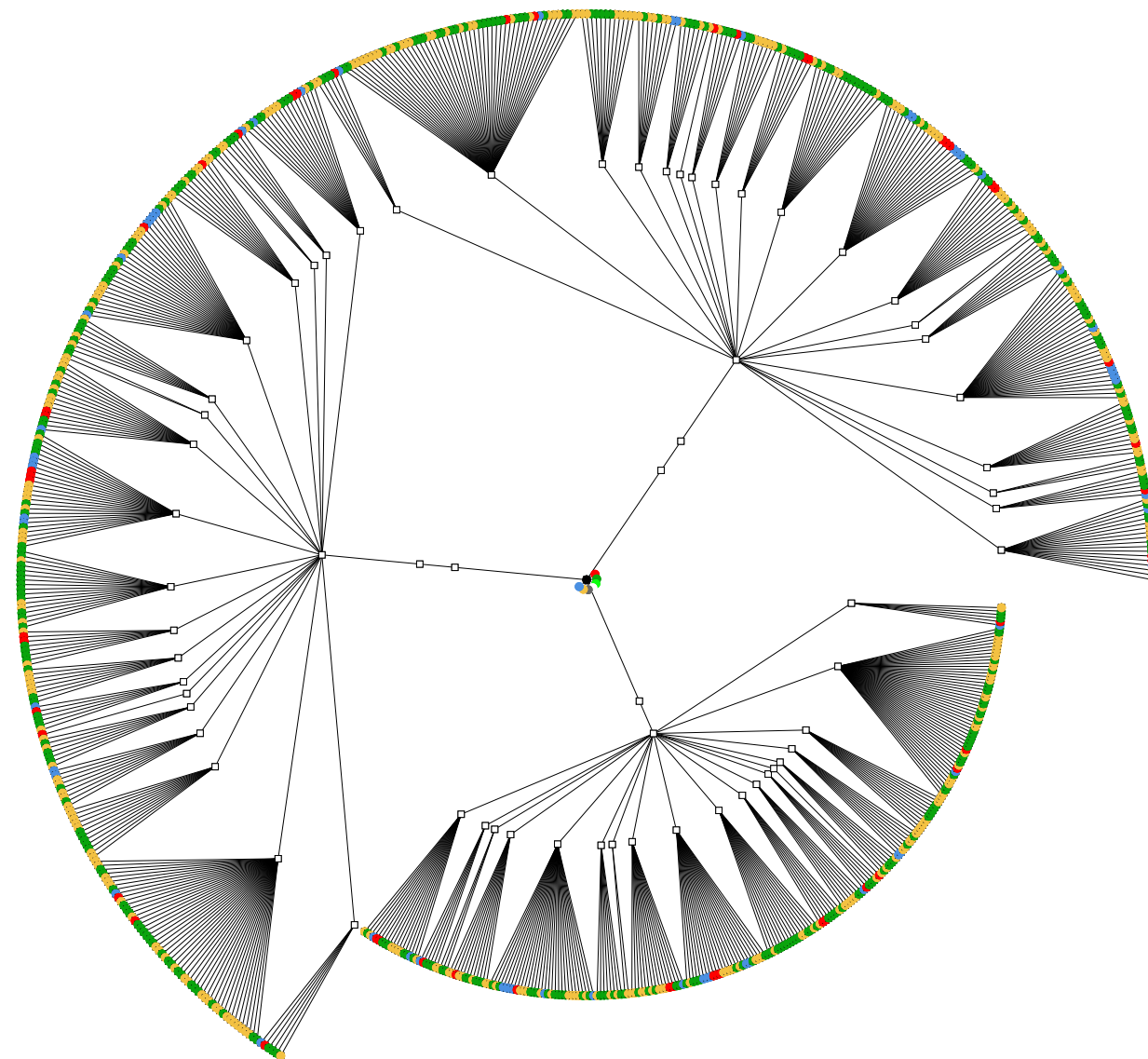
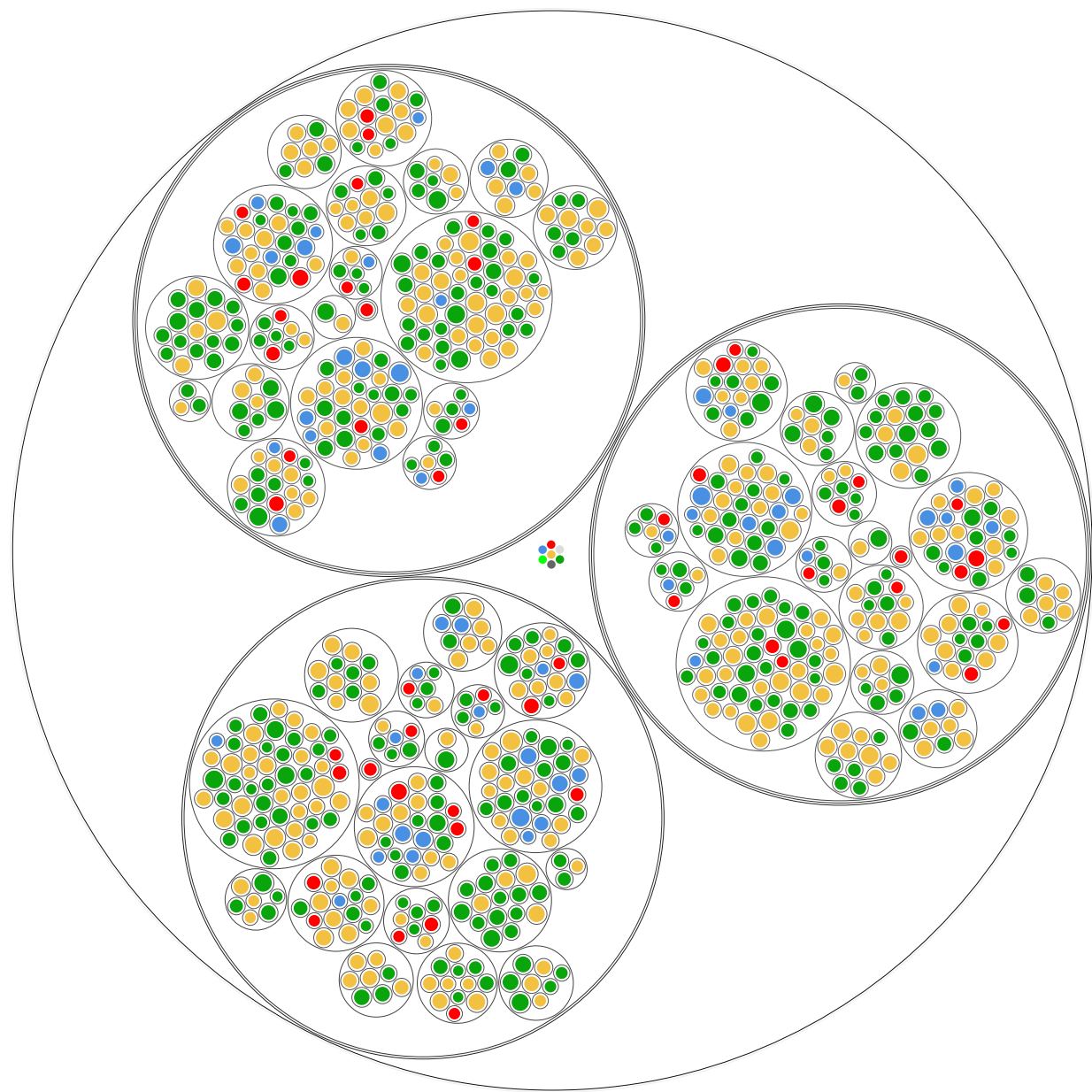












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