



A schema for participatory budgeting

#GovTechHack23

Participatory budgeting





Participatory budgeting

Participatory budgeting (PB) is a type of citizen sourcing in which ordinary people decide how to allocate part of a municipal or public budget through a process of democratic deliberation and decision-making. Participatory budgeting allows citizens or residents of a locality to identify, discuss, and prioritize public spending projects, and gives them the power to make real decisions about how money is spent.

https://en.wikipedia.org/wiki/Participatory_budgeting

“Why do you need this? In Switzerland we already have a code for our society and it’s called the law”

- “anonymous”



Participatory budgeting: Benefits

- Government transparency
- Citizens' well-being
- Citizens' attitudes toward democracy
- Tax revenue
- ...

https://en.wikipedia.org/wiki/Participatory_budgeting

The importance of schemata



The hackathon schema

Schema.org[Docs](#)[Schemas](#)[Validate](#)[About](#)

Hackathon

A Schema.org Type

This term is proposed for full integration into Schema.org, pending implementation feedback and adoption from applications and websites.

[Thing](#) > [Event](#) > [Hackathon](#)

A hackathon event. [\[more...\]](#)

Property	Expected Type	Description
Properties from Event		
about	Thing	The subject matter of the content. Inverse property: subjectOf
actor	Person	An actor, e.g. in TV, radio, movie, video games etc., or in an event. Actors can be associated with individual items or with a series, episode, clip. Supersedes actors .
aggregateRating	AggregateRating	The overall rating, based on a collection of reviews or ratings, of the item.
attendee	Organization or Person	A person or organization attending the event. Supersedes attendees .
audience	Audience	An intended audience, i.e. a group for whom something was created. Supersedes serviceAudience .
composer	Organization or Person	The person or organization who wrote a composition, or who is the composer of a work performed at some event.
contributor	Organization or Person	A secondary contributor to the CreativeWork or Event.
director	Person	A director of e.g. TV, radio, movie, video gaming etc. content, or of an event. Directors can be associated with individual items or with a series, episode, clip. Supersedes directors .
doorTime	DateTime or Time	The time admission will commence.

<https://schema.org/Hackathon>

Civic participation tools (selection)



Maptionnaire



Mapping the process

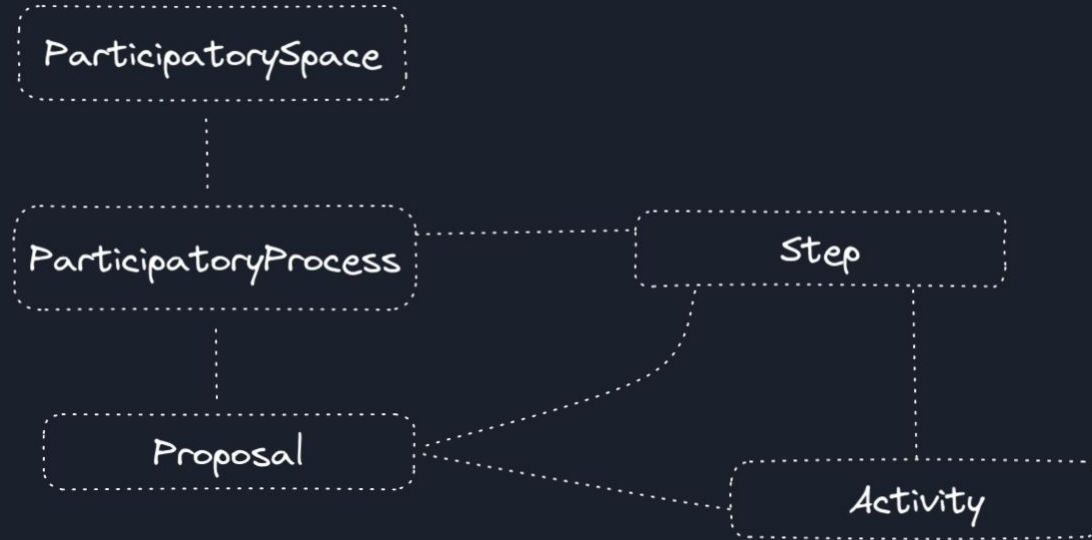




Our scope

0. BP setup
1. Ideation
2. Co-creation/Analysis
3. Votation
4. Implementation

High-level view





The proposal

```
identifier: PropertyValue | Text | URL
author: Person | Organization
title: Text
description: Text
topics: DefinedTerm
affected: AdministrativeArea or Place
proposedBudget: MonetaryAmount
approvedBudget: MonetaryAmount
scope: Text
participatoryProcess: ParticipatoryProcess
ancestors: Proposal[]
successors: Proposal[]
history: Activity[]
availableActions: Action[]
```



Next Steps

- consolidate the draft in rdf format
- open api.participation-ontology.ch platform to expose a triple store with data from public decidim platforms
- present semantic ontology to schema.org
- explore options to scale the schema to the major Swiss democratic processes



Thanks!

Team:

Hadrien Froger

 froger

Luca Liehti

 lualiehti

Daniel Keller

<https://participation-ontology.ch>

