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”

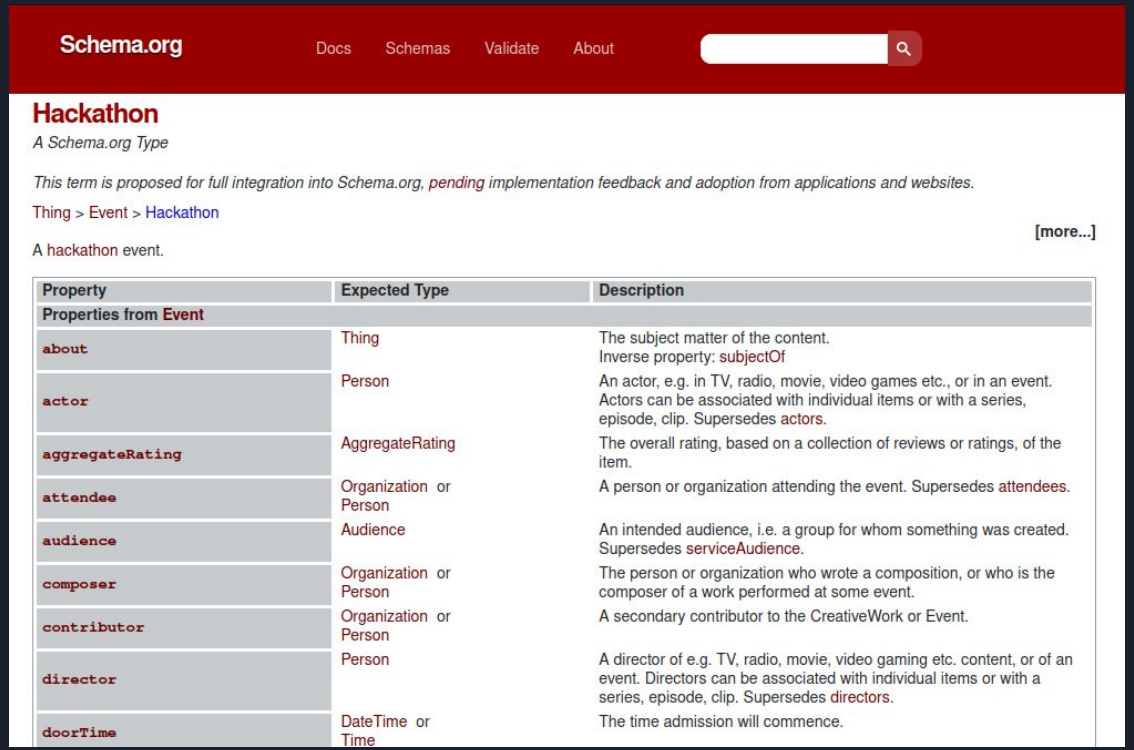
Participatory budgeting

- Government transparency, esp. budgetary transparency
- Improvements in overall democracy
- Improves citizens' well-being
- Changes citizens' attitudes toward democracy
- Increase in 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

[more...]

A hackathon event.

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)

DECIDIM

Maptionnaire

Cap Collectif

fluicity

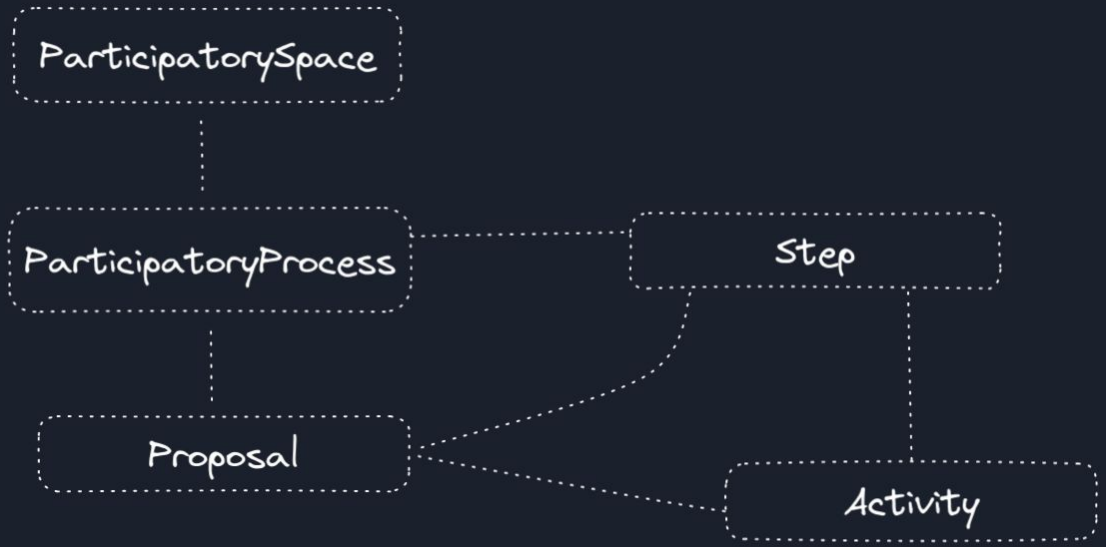
Mapping the process

Our scope

4. Proposals, initiated by the citizens, are dealt under different branches of public budget such as recreation, infrastructure, transportation, etc.
5. Participants publicly deliberate with the committee to finalize the projects to be voted on.
6. The drafted budget is shared to the public and put for a vote.
7. The municipal government implements the top proposals.

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

High-level view



The proposal Thing

```
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 ontology to schema.org
- explore options to scale the schema to the major Swiss democratic processes

Thanks!

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https://participation-ontology.ch