

1/7: Introduction

Please do NOT print this document.

It is going to undergo a lot more revisions.

Please save paper! Thanks from Grant.

This document describes the Wayground object/data model(s). It reflects the currently intended direction for the design of the Wayground web system.

Legend

Thicker borders indicate “item” models — models that can be ‘displayed’ as web pages or in lists. Thinner borders indicate support, attribute and/or join models.

Models with solid borders are currently implemented (at least in part). Dashed borders indicate planned, but not yet coded classes.

Bold attributes indicate unique restriction.

You can not have more than one object of the class with a given value(s) for that attribute(s).

An ‘*’ indicates that the attribute is individually unique.

Revision History

2009-01-22

- Brought User, Location, ListChunk models in line with current code.

- Added Friend, GroupSubgroup, ExternalLink and EventGroup models.

- Moved Location model details to Users... section.

- Added is_interested attribute to Rsvps model.

2009-01-21

First work on updating this since June.

- Reordered pages to give lower priority to Messaging and higher priority to Items.

- Changed formatting to used dashed lines to indicated stuff that hasn’t been coded yet.

- Updated many of the models to reflect the attributes and relationships actually implemented in the coded versions.

- Dropped Contact model (Users, Groups).

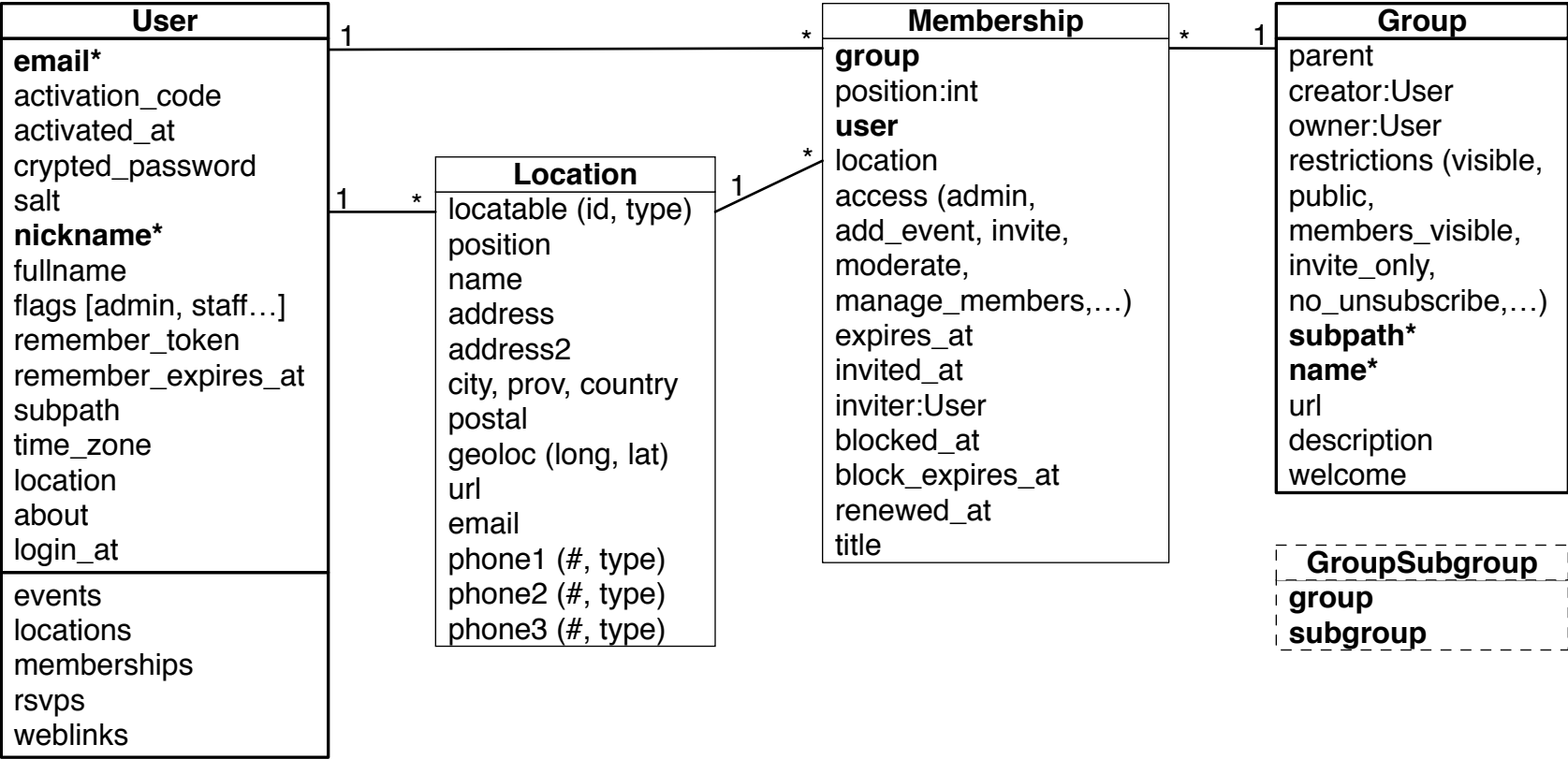
- Added QuickLink model and descriptions (Item Attributes).

- A number of changes to the models in the Items section.

- Defined relationships between the models in the Events section.

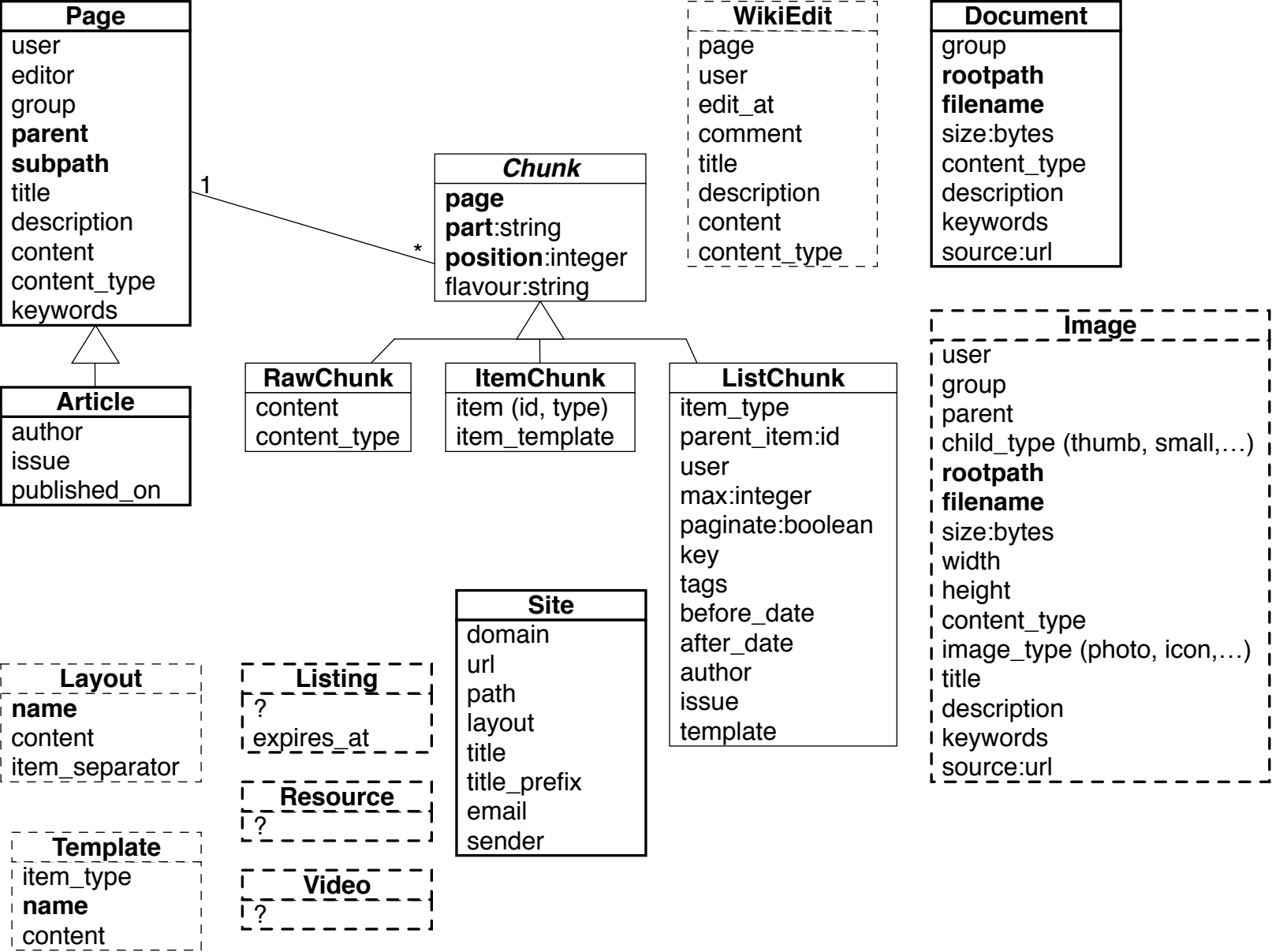
2008-06-22

2/7: Users, Groups, Contacts



Friend ?
user
friend:User

add options like:
permissions
relationship



4/7: Item Attributes

Item attributes can be linked to most item types.

Access

The Access and Membership models may end up being the same class, or sharing a parent class. Rsvp might be part of that too. All 3 of those models join Users to Items.

Category

Probably drop this in favour of Tag.

Comment & Rating

might be the same, or share a common class.

ExternalLink

Defines a relationship between a Wayground item and an external resource. E.g., an Event might have ExternalLinks to event listings on sites like Craigslist Facebook, Meetup, Upcoming, etc. Might function as a sub-class of Weblink.

Path

Used to define custom urls for items, and redirect urls.

Tag

“Folksonomy”.

QuickList

For user’s to add items to a “quick list” for review or batch actions.

Access
item (id, type)
user
access [admin, edit, contribute, comment, view, block,...]
start_at
end_at

Rating
item (id, type)
user
value:integer
comment:text

Category
item (id, type)
category:string

Path
site
item (id, type)
sitepath
redirect:url

Tag
item (id, type)
user
tag:string
title:string

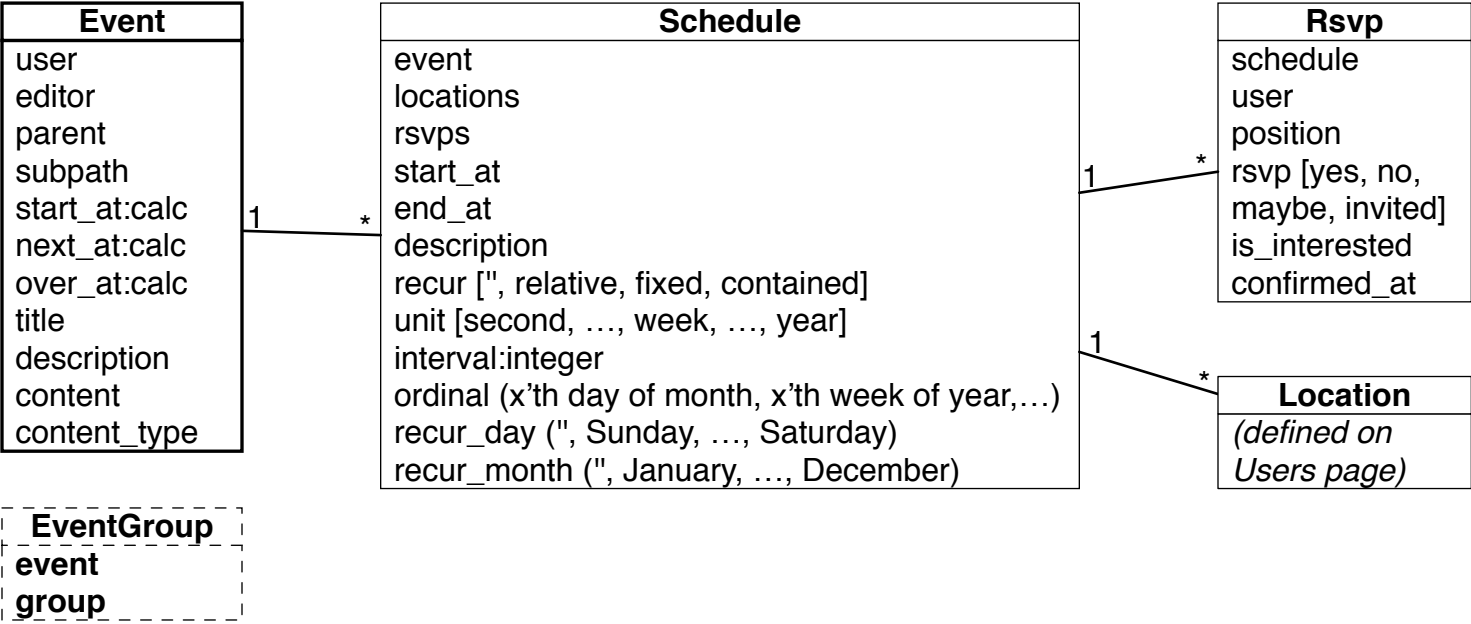
Comment
item (id, type)
user
title:string
comment:text

QuickList
item (id, type)
user
list:string

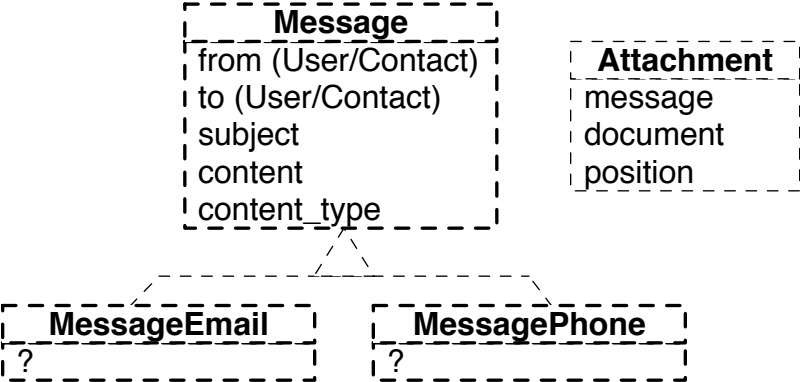
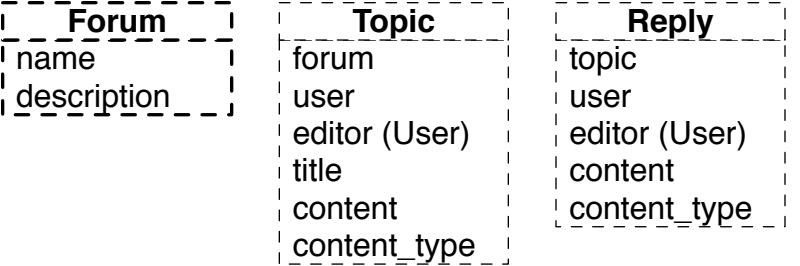
Weblink
item (id, type)
url
user
is_confirmed
position
site:string
category
title
description

ExternalLink
item (id, type)
url
site:string

5/7: Events



6/7: Messaging



7/7: Democracy & Politics

Level
(of government)
label*
parent
name*
url

Office
level
label
title*
district*
url
content

Election
level
label
start_on,
end_on
term_start,
term_end
is_byelection
url
content

Party
level
label
leader(Candidate)
name*
abbrev
colour
url
notes

Candidate
user*
submitter(User)
is_confirmed
fullname
aliases
bio

Campaign
election
office
candidate
contact
party
submitter(User)
is_current
is_incumbent
is_leader
is_acclaimed
is_elected
is_confirmed
label
minister_of
start_on
end_on

Petition
?
group
target
content
content_type
deadline

Policy
?

Vote
?
group
content
content_type
options

UserVote
vote
user
?

Signature
petition
user
?
comment