

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. Thinner borders indicate support, attribute and/or join models.

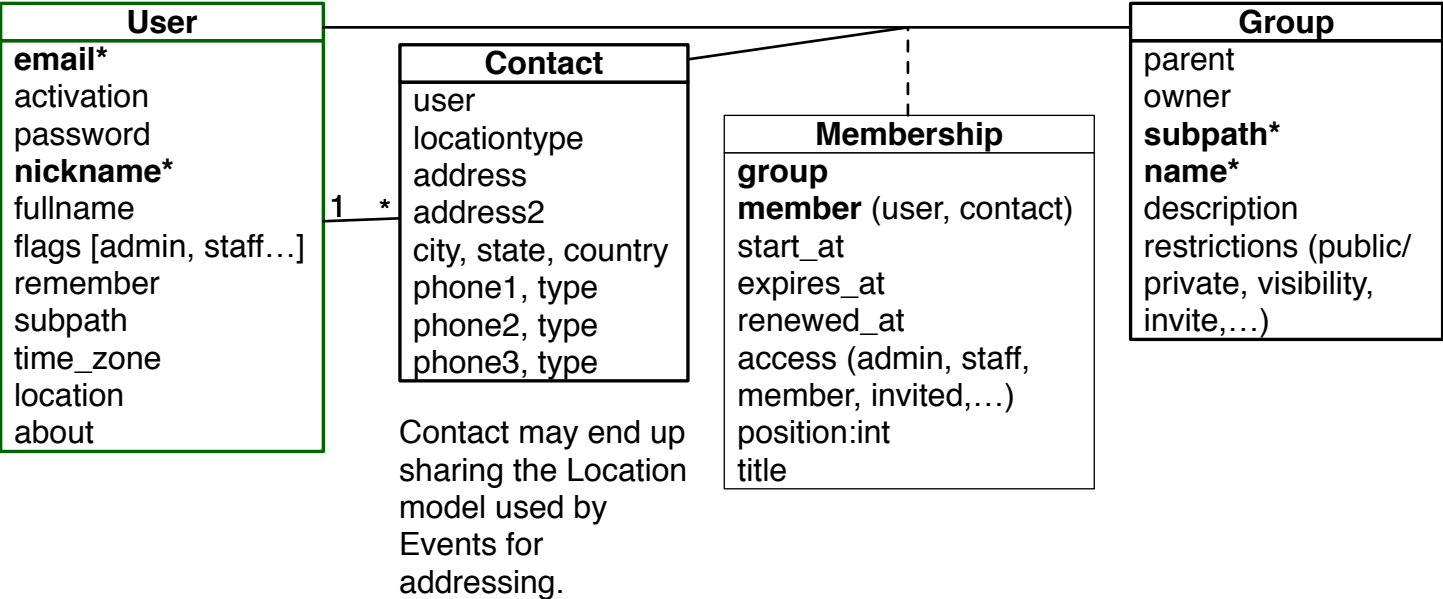
Models with **green borders** are currently implemented (at least in part).

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.

2/7: Users, Groups, Contacts



3/7: Messaging

Forum
name
description

Topic
forum
user
editor (User)
title
content
content_type

Reply
topic
user
editor (User)
content
content_type

Message
from (User/Contact)
to (User/Contact)
subject
content
content_type

Attachment
message
document
position

MessageEmail
?

MessagePhone
?



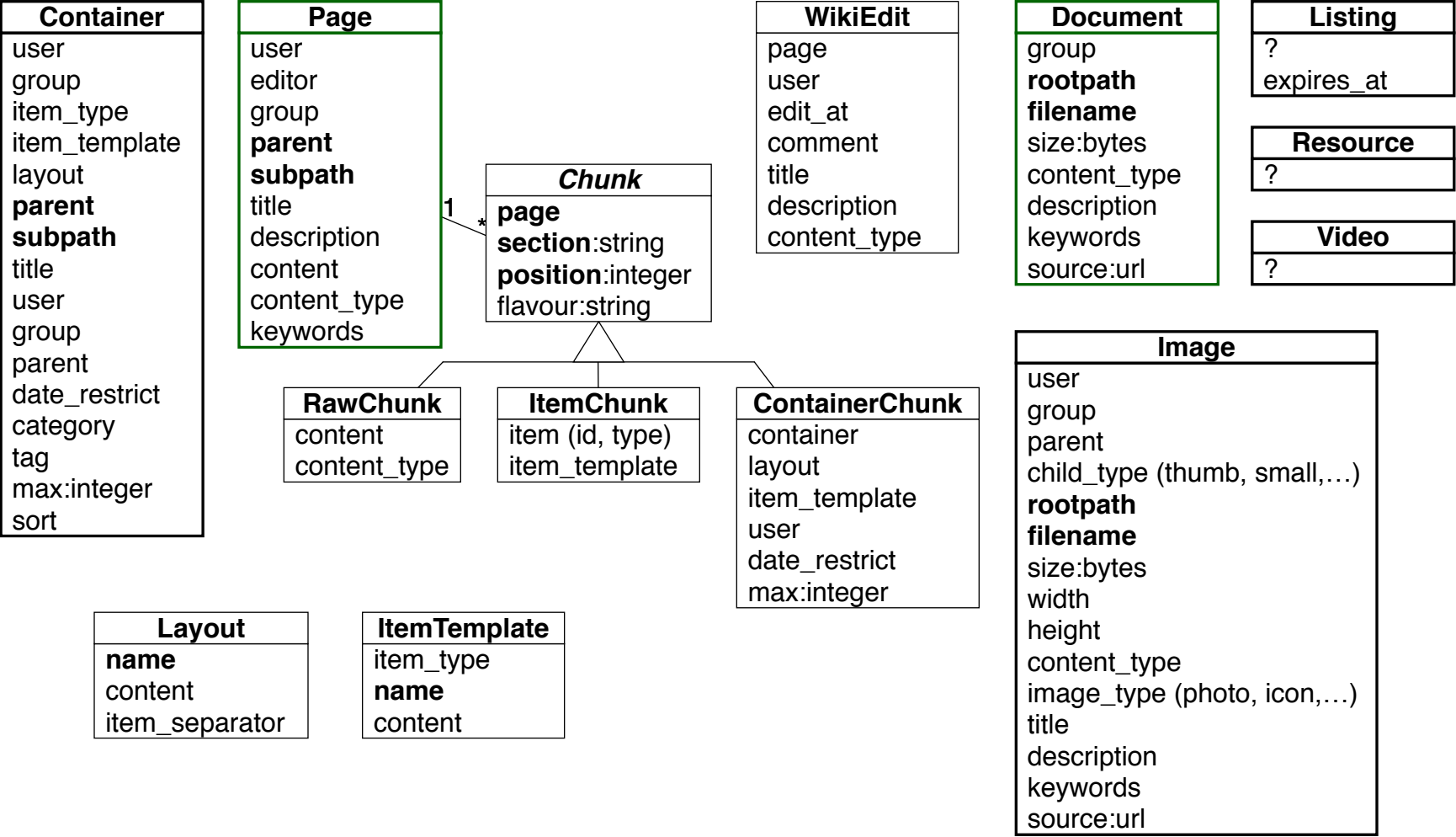
4/7: Item Attributes

Item attributes can be linked to most item types.

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.

How about some kind of attribute model for user's to add items to a "quick list" or "favourites" or such?

<table><tr><th>Access</th></tr><tr><td>item (id, type) user access [admin, edit, contribute, comment, view, block,...] start_at end_at</td></tr></table>	Access	item (id, type) user access [admin, edit, contribute, comment, view, block,...] start_at end_at	<table><tr><th>Category</th></tr><tr><td>item (id, type) category:string</td></tr><tr><th>Path</th></tr><tr><td>item (id, type) sitepath redirect:url</td></tr></table>	Category	item (id, type) category:string	Path	item (id, type) sitepath redirect:url	<table><tr><th>Comment</th></tr><tr><td>item (id, type) user title:string comment:text</td></tr><tr><th>Weblink</th></tr><tr><td>submitter(User) is_confirmed item (id, type) position url title description</td></tr></table>	Comment	item (id, type) user title:string comment:text	Weblink	submitter(User) is_confirmed item (id, type) position url title description
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Rating												
item (id, type) user value:integer comment:text												
Tag												
item (id, type) user tag:string title:string												



6/7: Events

Event
user
editor
group
item (id, type)
parent
subpath
next_at
title
description
content
content_type
keywords

Schedule
event
start_at
end_at
location
description
recur ["", relative, fixed, contained]
frequency [secondly, ..., weekly, ..., yearly]
interval:integer
ordinal (x'th day of month, x'th week of year,...)
recur_day ("", Sunday, ..., Saturday)

Location
name
address
address2
city, prov, country
postal
geoloc
url

Rsvp
event
user
position
rsvp [yes, maybe, no, invited]
confirmed_at

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
?

PetitionSignature
petition
user
?
comment