

# Multi-Site Support in eZ Publish 5

# Problems to Solve

- Multi-Site system in version 4 has a purely technical domain language.
- A „SiteAccess“ is everything from configuration, languages, design themes
- No inheritance between „SiteAccess“ required lots of duplication

# Requirements

- Add strong conventions for how languages, sites, groups of sites, channels & backend is handled
- Native model knowledge of what a site is for multisite same-repository installs so GUI to create new sites, and managing sites is possible

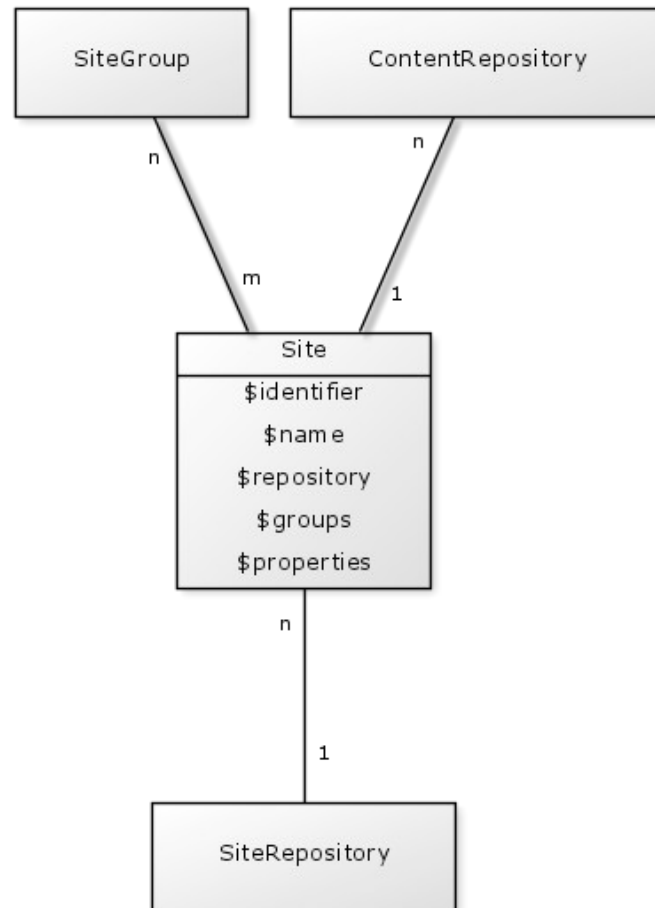
# Untangling the implicit concepts

- Started finding a domain language
  - Consulted with eZ Domain Experts
  - Introduced explicit concepts and names

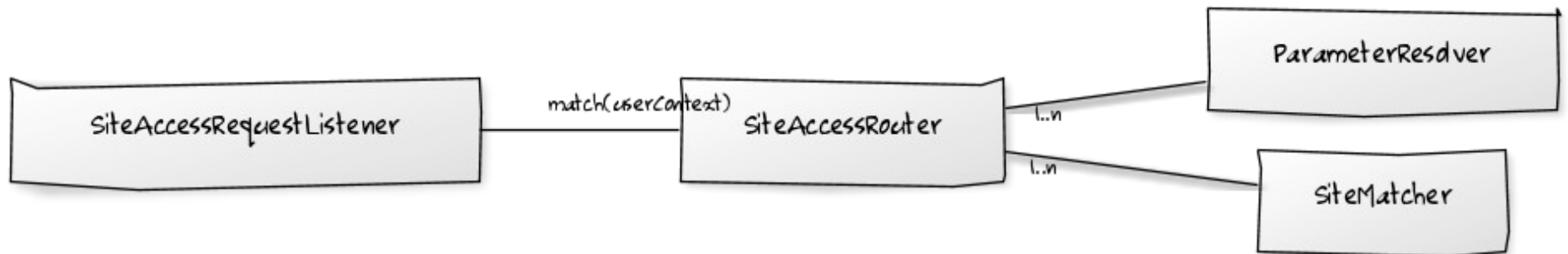
# Domain Language

- A **Content-Repository** stores content.
- A **Site** is a web-address connecting to a **Content-Repository**.
- A **Family of Sites (SiteGroup)** can share configuration and repository.
- **Sites** in a family are always connected to the same **Content-Repository**.
- The **SiteAccess** is the result of a user viewing a **Site** in his **Context** (Language, Distribution Channel, etc)
- A **SiteAccess** has different type of properties :
  - Explicit properties (repository, configuration)
  - User Context aware properties (language, distribution channel, design theme...)

# Prototype: State



# Prototype: Matching Behavior



# Benefits

- Developers use familiar „SiteAccess“ in their custom code and plugins.
- Possibility for Customers to create „Site“ as part of the administration backend.
- Non-technical Terminology for Support+Marketing to explain customers what they need