uPortal's group-related services

- GAP: Groups And Permissions
  - Gather groups from configured group stores
  - UI to manage groups and permissions
  - Desired to outsource to Grouper
- PAGS: Person-Attribute Group Service
  - Present group memberships from attributes in user's security context
- PD: Person Directory
  - Gather Subjects from configured stores

uPortal-Grouper integration needs

- Phase II
  - Portal Subject source adapter
  - New group admin UI
- Phase III
  - Refactor PAGS

- Phase I
  - GAP interface
- Phase III
  - Group-pull