

Notification Portlet

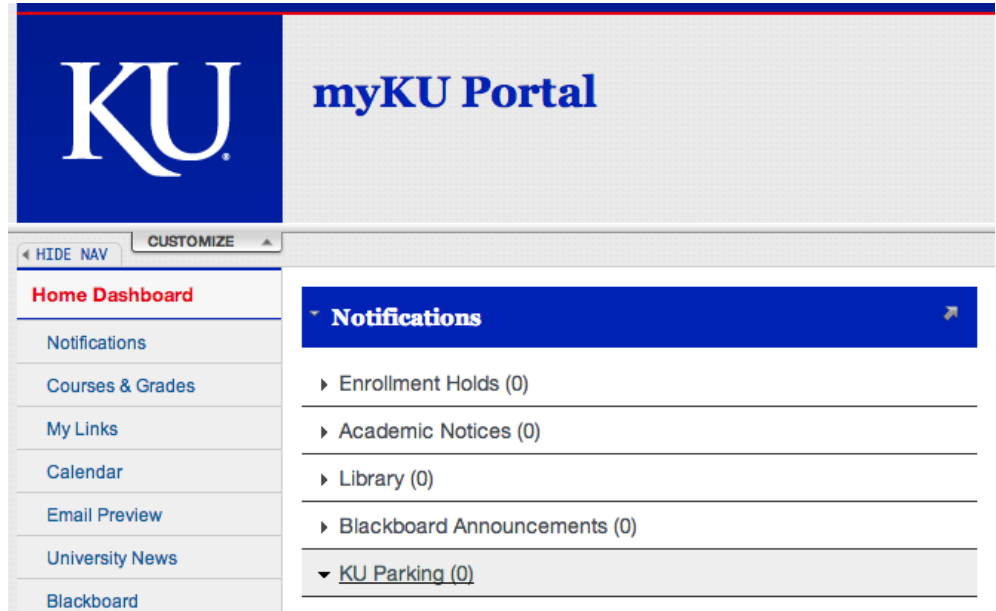
UW Madison Consultative Assistance

Agenda

1. What has Unicon doen w/ Notifications elsewhere?
2. What capabilities does Notifications have out-of-the-box?
3. What additional capabilities are within reach?
4. UW Notification use cases

Notifications In the Wild

- University of Manchester
- St Cloud State University
- University of Kansas



The screenshot displays the myKU Portal interface. At the top left is the KU logo, and to its right is the text "myKU Portal". Below the logo is a navigation menu with the following items: Home Dashboard (highlighted in red), Notifications, Courses & Grades, My Links, Calendar, Email Preview, University News, and Blackboard. To the right of the navigation menu is a "Notifications" section with a blue header and a right-pointing arrow. This section contains a list of notification categories, each with a right-pointing arrow and a count in parentheses: Enrollment Holds (0), Academic Notices (0), Library (0), Blackboard Announcements (0), and KU Parking (0).

Notifications Capabilities

Notification portlet supports...

- Data sources
- View strategies
- Fields/content
- User operations

Data Sources

- **Class Loader Resource (Classpath)**
Native Notification JSON from the classpath
- **Demo**
Like Class Loader, but with due dates adjusted
- **Portlet Event**
Notifications from other portlets; available in Announcements
- **RESTful JSON**
Native Notification JSON over http(s)
- **Rome (RSS/Atom)**

View Strategies

- Accordion
- Emergency alert
- Icon
- Simple list
- Datatables

Fields/Content

```
50  /*
51  * Strongly-typed members
52  */
53
54  private String    source;
55  private String    id;
56  private String    title;
57  private String    url;
58  private String    linkText;
59  private int       priority;
60  private Date      dueDate;
61  private String    image;
62  private String    body;
63  private boolean   favorite;
64
65  /*
66  * Weakly-typed, open-ended attributes collection
67  */
68
69  private List<NotificationAttribute> attributes = Collections.emptyList();
```

User Operations

extends NotificationAction...

- HideAction
- FavoriteAction

Desired...

- Mark as done
- Snooze
- Acknowledge

Road Map

- JpaNotificationService
- RESTful API
- More action implementations
- Push notifications on mobile devices