

useAppNotificationsData

Overview

The `useAppNotificationsData` hook provides a comprehensive solution for managing application notifications. It consolidates functionality for fetching, marking as read, and managing unread notification counts, offering an optimized way to handle notification-related tasks in a unified interface. Unlike hooks like `useFetchAppNotifications` or `useCountUnreadNotifications`, this hook centralizes multiple responsibilities, ensuring smoother notification workflows with added features such as message templating and pagination.

Usage Example

```
import { useAppNotificationsData } from "@replyke/react-js";

function NotificationsPanel() {
  const {
    appNotifications,
    unreadAppNotificationsCount,
    loading,
    hasMore,
    loadMore,
    markNotificationAsRead,
    resetAppNotifications,
  } = useAppNotificationsData({ limit: 10 });

  return (
    <div>
      <h3>Notifications</h3>
      <p>Unread: {unreadAppNotificationsCount}</p>

      <ul>
        {appNotifications.map((notification) => (
          <li key={notification.id}>
            <span>{notification.message}</span>
            {!notification.isRead && (
              <button onClick={() => markNotificationAsRead(notification.id)}>
                Mark as Read
              </button>
            )}
          </li>
        ))}
      </ul>
    </div>
  );
}
```

```

    {loading && <p>Loading...</p>}
    {hasMore && !loading && <button onClick={loadMore}>Load More</button>}

    <button onClick={resetAppNotifications}>Refresh Notifications</button>
  </div>
);
}

```

Parameters & Returns

Parameters

Parameter	Type	Required	Description
limit	number	No	The number of notifications to fetch per page. Default is 10.
notificationTemplates	Partial<NotificationTemplates>	No	Templates to format or add custom messages to notifications.

Returns

Return Value	Type	Description
appNotifications	UnifiedAppNotification[]	A list of notifications fetched.
unreadAppNotificationsCount	number	The count of unread notifications.
loading	boolean	Indicates whether notifications are being loaded.

Return Value	Type	Description
<code>hasMore</code>	<code>boolean</code>	Indicates whether there are more notifications to fetch.
<code>loadMore</code>	<code>() => void</code>	Fetches the next page of notifications.
<code>markNotificationAsRead</code>	<code>(notificationId: string) => Promise<void></code>	Marks a notification as read and updates its state locally.
<code>resetAppNotifications</code>	<code>() => Promise<void></code>	Resets the notifications list and fetches the first page of data.

Key Features

1. Unified Notifications Management

Combines fetching, counting, and managing notifications into one hook.

2. Unread Notifications Counter

Tracks unread notifications and provides functionality to decrement the count.

3. Message Templating

Supports custom notification messages using the `notificationTemplates` parameter.

4. Pagination

Fetches notifications in pages with options to load more data incrementally.

5. Marking as Read

Allows marking individual notifications as read while updating their state locally.

