

# Neubercart Birthdays Menu Item

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## *tl;dr*

The **Neubercart Birthdays Menu Item Module** (nc\_birthdays\_menu\_item) creates a **Birthdays** menu item (under the top level **People** menu item) in the Drupal Administrative GUI where Birthdays-related modules and functionality may be easily found and used.

It replaces the **Neubercart Birthdays Subheading Module** (nc\_birthdays\_subheading).

## **Purpose**

The **Neubercart Birthdays Menu Item Module** (nc\_birthdays\_menu\_item) augments the Drupal Administration toolbar by creating a dedicated “Birthdays” menu item under the stock People menu item. The Birthdays menu item serves as a centralized anchor point where all birthday related functionality may be concentrated for easier access. Through the Birthdays menu item common gathering point, this module aims to improve discoverability, streamline administration, and establish a solid foundation for all future birthday related modules to attach to quickly and easily.

## Scope

### *In Scope*

- Birthday menu integration: Adds a dedicated “Birthdays” menu item under the top-level People menu in the Drupal Administrative GUI.
- Centralized access: Provides a common anchoring point where all birthday-related modules can be grouped for easier discovery.
- Administrative usability: Ensures administrators can quickly locate and manage birthday functionality without navigating scattered menus.
- Extensibility: Serves as a foundation for future modules (e.g., reports, reminders, greetings) to attach under the Birthdays heading.

### *Out of Scope*

- Birthday reporting: Does not generate or display lists of user birthdays.
- Notifications: No automated greetings, alerts, or reminders are included.
- Analytics: Does not provide statistical summaries or insights into birthday data.
- Profile field customization: Does not alter or extend the birthday fields in user profiles.
- Toolbar modifications: Limited strictly to adding the Birthdays menu item under the top level People menu item; no broader changes to the Drupal toolbar.

## Benefits

- Centralized access: Provides a single, fixed location in the Administration toolbar where all birthday-related functionality can be grouped, reducing the need to search across scattered menus.
- Improved discoverability: Makes birthday features easy to find under the People → Birthdays heading, ensuring administrators can quickly identify and use related modules.
- Administrative efficiency: Streamlines workflows by offering a thematic anchor point, saving time when configuring or managing birthday-related features.
- Community engagement: Supports stronger connections within the community by making birthday-related tools more accessible for follow-up actions like greetings or rewards.
- Extensibility: Establishes a foundation for future modules (e.g., reports, reminders, analytics) to attach seamlessly under the Birthdays menu item without disrupting existing functionality.
- Maintainability: Encourages consistent organization and documentation practices, making it easier for future developers to extend or troubleshoot the module.

## Intended Outcomes

- Centralized navigation: Administrators gain a single, reliable entry point under People → Birthdays where all birthday-related modules can be accessed.
- Improved discoverability: Birthday functionality becomes easier to locate, reducing confusion and saving time when managing community engagement features.
- Streamlined administration: By consolidating birthday tools under one menu item, administrators can manage related tasks more efficiently without hunting through scattered menus.
- Foundation for extensibility: Provides a stable anchor point for future modules such as reports, reminders, or analytics to attach seamlessly.
- Enhanced community engagement: Facilitates meaningful follow-up actions (like greetings or rewards) by making birthday-related tools more accessible.
- Consistency in user experience: Ensures that birthday functionality is presented in a uniform, predictable way across the administrative interface.

# Requirements

## *Functional Requirements*

- Administrative menu integration: The module must add a “Birthdays” menu item under the stock People menu in the Drupal Administration toolbar.
- Access control: The menu item must respect Drupal’s permission system, ensuring only authorized users can view or manage birthday-related functionality.
- Centralized anchor point: The menu item must serve as a common gathering point where existing and future birthday-related modules can attach seamlessly.

## *Non-Functional Requirements*

- Separation of concerns: Code should maintain clear boundaries between menu definitions, permissions, and any future extensions.
- Consistency: Naming conventions and documentation must follow Drupal coding standards to ensure reviewer-friendliness.
- Maintainability: The module should be lightweight, easy to extend, and future-proofed without disrupting the core system.
- UI clarity: The menu item must appear predictably under People → Birthdays, ensuring administrators can locate it quickly.

## Dependencies

- System: Either the Drupal 7.x distribution or the Neubercart 7.x distribution
- Features: Requires that the stock Administration toolbar be enabled and functional.
- Permissions: Relies on the built-in permission framework to control access to the Birthdays menu item.
- Libraries: The module does not require third-party libraries, external APIs, or contributed modules beyond the listed dependency.
- Legacy: This module replaces the former **Neubercart Birthdays Subheading Module** (nc\_birthdays\_subheading) and does not depend on it any other birthday-related anchor modules.

## Permissions

- Administer users: Access to the Birthdays menu item and its sub-pages is controlled by Drupal's core administer users permission.
- Role assignment: Only roles granted the administer users permission will be able to view and interact with the Birthdays menu item. By default, this is typically reserved for site administrators.
- No custom permissions: The module does not define new permission strings. It relies entirely on Drupal's existing access control framework for consistency and simplicity.

## Installation

- Legacy module removal: This module fully replaces the functionality of the **Neubercart Birthdays Subheading Module** (nc\_birthdays\_subheading). If that module is already installed, it must first be disabled, uninstalled and removed from the system.
- Download and place module files: Download and place the module archive in the most appropriate spot in your file system. Commonly used locations include:
  - /sites/all/modules
  - /sites/all/modules/ custom
- Expand the module archive to expose the source files
  - `tar -zxvf <archive_name>.tgz`
- In the Administrative GUI, navigate to Administration → Modules.
- Search for Neubercart Birthdays Menu Item in the list.
- Check the box to enable it, then click Save configuration.
- Verify menu placement: After enabling, confirm that a Birthdays menu item appears under People in the Administration toolbar.
- Assign permissions: Ensure that roles requiring access have the administer users permission, since the module leverages the Drupal core access control system.

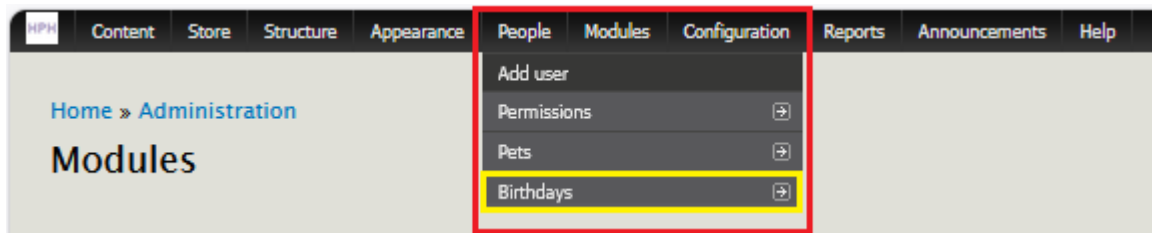
## Configuration

- Menu verification: After enabling the module, confirm that a Birthdays menu item appears under People in the Administration toolbar. This is the central anchor point for all birthday related functionality.
- Permissions check: Ensure that roles requiring access have the administer users permission. The module leverages the Drupal core access control system, so only users with this permission can view and interact with the Birthdays menu item.
- Field tab redirect: The “Field” tab under Birthdays redirects administrators to the configuration page for the Birthdays profile field. Verify that the redirect works correctly and that the birthday field is properly configured in user profiles.
- Overview tab: The “Overview” tab serves as the default landing page for the Birthdays menu item. Confirm that it loads without errors and provides a clear entry point for birthday related modules.
- Future module integration: No additional configuration is required for this module itself. However, other birthday related modules (e.g., reports, reminders) will automatically attach under the Birthdays menu item once installed.

## Usage

- Access: After installation, a Birthdays menu item appears under People in the Administration toolbar. Administrators can click this to access all birthday-related functionality.
- Overview tab: The default landing page is the Overview tab. This serves as the central entry point for birthday-related modules, providing a thematic anchor for future extensions.
- Field tab: The Field tab redirects administrators to the configuration page for the Birthdays profile field. This allows site owners to manage how birthday data is stored and displayed in user profiles.
- Integration with other modules: Once installed, additional birthday related modules (such as Reports or Request) are designed to automatically attach themselves under the Birthdays menu item, making them accessible from the same centralized location.
- Permissions: Only users with the administer users permission will see and interact with the Birthdays menu item and its tabs. This ensures that access is restricted to authorized roles.

## Screenshots



## Potential Extensions

- Birthday Report: Generate a list of birthdays that fall between two given dates.
- Birthday Coupon: Generate a coupon users can redeem on their birthday.
- Birthday Greeting: Generate a salutation for users who log in on their birthday.
- Birthday Email: Send a virtual birthday card to users on the day of their birthday.