

Neubercart Birthdays Report

tl;dr

Generate a list of user birthdays falling between two dates.

Purpose

The **Neubercart Birthdays Report Module** (nc_birthdays_report) extends the Drupal Administration interface by providing administrators with a dedicated user birthdays reporting tool. Tightly integrated with the **Neubercart Birthdays Menu Item Module**, this module enables administrators to quickly and easily generate a list of users whose birthday falls between two specified dates. The purpose of the module is to help administrators take timely actions with respect to user birthdays, including such things as issuing birthday greetings, creating birthday rewards and so forth.

Scope

In Scope

- Birthday reporting: Generate lists of users whose birthdays fall between two dates.
- User details display: Show usernames and email addresses in the report output.
- Menu integration: Attach seamlessly under People → Birthdays in the toolbar.
- Birthday-specific UI: Provide a streamlined month/day selection interface.
- Documentation clarity: Include clear, maintainable documentation.

Out of Scope

- Automated notifications: No automatic greetings, reminders, or alerts are generated.
- Analytics: Does not provide statistical summaries or trend analysis of birthday data.
- Profile customization: Does not alter or extend existing birthday fields.
- Version Refinements: Version refinements are documented in their release notes.

Benefits

What makes this module useful or advantageous to administrators or the community?

- Improved Birthday visibility: With this module installed, administrators gain easier access to consolidated Birthday information in the form of a list of birthdays falling between specific dates rather than having to inspecting individual user profiles, thus reducing the chances of missing something.
- Actionable data: By surfacing usernames and email addresses related to birthdays, the report provides immediate opportunities for manual follow-up actions such as sending greetings or issuing rewards.
- Streamlined workflows: Being located under People → Birthdays is both convenient and time-saving.
- Community engagement: Improved visibility into user birthdays engenders a stronger connection with users, enabling timely gestures that help to foster loyalty and participation.
- Integration consistency: Seamless integration with the **Neubercart Birthdays Menu Item Module** ensures a predictable, uniform experience across all birthday related tools.
- Maintainability: Clear documentation and a focused scope make the module easy to extend, troubleshoot, and adapt for future enhancements.

Intended Outcomes

What practical results should administrators expect once the module is in use?

- Centralized reporting: Administrators gain a reliable entry point under People → Birthdays to generate birthday reports without navigating scattered menus.
- Timely visibility: By listing users whose birthdays fall between two specified dates, the module ensures administrators can plan greetings or rewards in advance.
- Action facilitation: Displaying usernames and email addresses directly in the report provides immediate data for manual follow-up actions such as sending messages or issuing coupons.
- Administrative efficiency: Streamlined workflows reduce the time spent searching for user birthday information, allowing administrators to focus on engagement rather than data gathering.
- Community engagement: Improved visibility into birthdays supports stronger connections with users, enabling meaningful gestures that foster loyalty and participation.
- Consistent integration: Seamless attachment under the Birthdays Menu Item ensures a uniform, predictable experience across all birthday-related modules.

Requirements

Functional Requirements

- Birthday reporting: The module must generate a list of users whose birthdays fall between two administrator-selected dates.
- User details display: Reports must include usernames and email addresses to support manual follow-up actions.
- Menu integration: The reporting tool must appear under People → Birthdays in the Drupal Administration toolbar.
- Birthday-specific UI: The interface must allow administrators to select date ranges using month/day logic tailored to birthdays.
- Permissions compliance: Access to the reporting tool must respect Drupal's core permission system, ensuring only authorized roles can view or generate reports.

Non-Functional Requirements

- Separation of concerns: Code must maintain clear boundaries between reporting logic, menu integration, and permissions.
- Consistency: Naming conventions and documentation must follow Drupal coding standards for clarity and reviewer-friendliness.
- Maintainability: The module should remain lightweight, easy to extend, and future-proofed without disrupting the core system.
- UI clarity: The reporting interface must appear predictably under People → Birthdays and provide a straightforward workflow for administrators.
- Integration reliability: The module must attach seamlessly to the Birthdays Menu Item module to ensure a uniform experience across all birthday-related tools.

Dependencies

- System: Requires either the Drupal 7.x distribution or the Neubercart 7.x distribution as the underlying platform.
- Birthdays Menu Item: Relies on the Neubercart Birthdays Menu Item Module (nc_birthdays_menu_item) for integration into the Administration toolbar under People → Birthdays.
- Administration toolbar: Requires the stock Drupal Administration toolbar to be enabled and functional for menu placement.
- Permissions framework: Leverages Drupal's built-in permission system to control access to the reporting tool; no custom permissions are defined.
- Libraries: Does not require third-party libraries, external APIs, or contributed modules beyond the listed dependencies.
- Legacy modules: Operates independently of the former Neubercart Birthdays Subheading Module (nc_birthdays_subheading) and does not depend on any other birthday-related anchor modules.

Permissions

- Administrator access: Only users with administrative privileges can access the Birthdays Report tool under People → Birthdays.
- Role-based control: The module leverages Drupal's native permission framework. Access can be granted or restricted through standard role assignments without introducing custom permission types.
- Report visibility: Users without the appropriate permissions will not see the Birthdays Report menu item or be able to generate birthday lists.
- Consistency with Menu Item: Permissions align with those defined in the Neubercart Birthdays Menu Item Module to ensure a uniform experience across all birthday-related tools.
- No custom overrides: The module does not define or override new permissions; it relies entirely on Drupal's existing access control system for simplicity and maintainability.

Installation

- Download module: Obtain the nc_birthdays_report package from the Neubercart distribution server or otherwise designated module repository.
- Place files: Copy the module directory into your Drupal installation. Typical install locations include:
 - /sites/all/modules/
 - /sites/all/modules/_custom
- Verify dependencies: Navigate to Administration → Modules, search for **Neubercart Birthdays Menu Item** and ensure that it is both installed and enabled, as this module integrates tightly with it, and will not install without it.
- Enable module: Navigate to Administration → Modules, search for **Neubercart Birthdays Report**, and then enable it.
- Assign permissions: Confirm that administrator roles have the necessary permissions to access People → Birthdays. The module relies on Drupal's native permission system.
- Confirm menu integration: After installation, verify that the module is active by searching for People → Birthdays → Report in the Administration toolbar.
- Test reporting: Generate a sample report by selecting two dates to ensure the module correctly displays usernames and email addresses for users with birthdays falling within that date range.

Configuration

No Settings: This module has no configuration settings and should integrate seamlessly with the permission system, the administration toolbar and the Birthdays menu item.

Usage

- Access: Navigate to **People → Birthdays → Report** in the Drupal Administration toolbar.
- Dates: Click on the **Begin Date** and **End Date** widgets to reveal their respective month/day selectors. Then click on **List Birthdays**. The report will generate a list of users whose birthdays fall within that range.
- Birthday List: The report displays usernames and email addresses, providing immediate data for manual follow-up actions such as greetings or rewards.
- Take action: Administrators can use the surfaced birthday information to send personalized messages, issue personalized coupons, or do something else.

Screenshots

[Home](#) » [Administration](#) » [People](#) » [Birthdays](#)

Birthdays

Begin Date (inclusive) *

End Date (inclusive) *

Neubercart Birthdays Module Input Screen

[Home](#) » [Administration](#) » [People](#) » [Birthdays](#)

Birthdays

Begin Date (inclusive) *

End Date (inclusive) *

DATE	USERNAME	EMAIL
June 6, 2013		
June 25, 2006		
June 28, 1979		

Neubercart Birthdays Module Input Screen & Birthday List

Potential Extensions

- Analytics and insights: Provide extended information in the form of monthly birthday counts, demographic breakdowns, or birthday related trends over time.
- Customizable fields: Allow administrators to extend or refine the birthday report through the selection and addition of data fields beyond the existing report structure.
- Export options: Enable exporting birthday reports to CSV, Excel, or PDF formats for offline use or integration with other systems.
- Calendar synchronization: Enable the synchronization of customer birthdays with external calendars such as Google Calendar or Outlook for proactive reminders outside the system.