

Neubercart Birthdays Report

tl;dr

Generates a list of user birthdays between two month/day pairs.

Purpose

Birthdays are a natural point of connection in communities. The Birthdays Report module provides the Administrator with a means of gathering relevant birthday information in order to convert it into meaningful follow-up action(s) such as sending a customized birthday greeting, issuing a birthday-specific coupon.

Requirements

Functional Requirements

- Ensure access control via Drupal's permission system.
- Appear under People → Birthdays in the Administrative menu
- Facilitate the selection of two day/month pairs using a UI widget
- Display rows featuring user birthday, usernames and email address

Non Functional Requirements

- Maintain separation of concerns: menu, help, form, submit handler, query logic, and results rendering in distinct files.
- Use consistent naming conventions and comprehensive documentation for reviewer-friendliness.
- Ensure UI clarity by aligning the datepicker with birthdays-only logic (month/day selection).
- Provide maintainable, future proofed code that can be extended without disrupting the core.

Benefits

Community engagement

- Enables administrators to acknowledge and celebrate user birthdays.

Discoverability

- Clear placement under the Birthdays subheading makes the feature easy to find.

Maintainability

- Modular structure and uniform documentation style support long-term upkeep.

Extensibility

- Provides a foundation for future enhancements such as reminders, automated greetings, or analytics.

Technical Equity

- Documentation explains intent and scope, not just implementation details.

Scoping

In Scope

- Reporting of birthdays between two selected dates.
- Display of usernames and email addresses.
- Integration into the Drupal admin menu under People → Birthdays.
- UI tailored to birthdays-only logic (month/day selection).
- Documentation that emphasizes clarity and maintainability.

Out of Scope

- Automated notifications or greetings.
- Analytics or statistical summaries of birthdays.
- Customization of birthday fields beyond the existing Drupal profile data.
- Edition-specific corrections, additions, or refinements (these are documented separately in edition/version notes).