

Neubercart Birthdays Request

tl;dr

The **Neubercart Birthdays Request** (`nc_birthdays_request`) module asks users to provide their birthday when it is missing from their profile. The module offers an Administrator-configurable, translatable message which is displayed in the View tab of the user Account area according to their preferred language.

Purpose

This project demonstrates Neubercart's philosophy of human-centered design, modularity, and technical equity by turning a simple requirement into a maintainable, extensible artifact.

Birthdays are a natural connection point in communities. The **Neubercart Birthdays Request** (`nc_birthdays_request`) module helps to further assure profile completeness by encouraging users to provide their date of birth. If their birthday is missing from their profile, this module displays a configurable prompt in their Account tab, encouraging and guiding them to place where birthday information is stored in the system.

Requirements

Functional Requirements

- Integrates with the existing Birthdays module to detect missing birthday data.
- Alters the User Summary section to display a configurable prompt when no birthday is present.
- Provides a clickable link that brings users to their profile Edit tab.
- Offers an administrative configuration form under People → Birthdays → Request to set the prompt message.
- Stores the prompt message in a dedicated database table for persistence.

Non-Functional Requirements

- Maintain separation of concerns: schema definition, hooks, configuration form, and prompt retrieval in distinct functions/files.
- Use consistent naming conventions (`nc_birthdays_request_*`) for clarity and reviewer-friendliness.
- Provide comprehensive docblocks and inline comments explaining intent and scope.
- Ensure access control: only administrators can configure the prompt message.
- Deliver maintainable, future-proof code that can be extended without disrupting the core.

Benefits

Community Engagement

- Encourages users to provide birthdays, thus enabling personalized greetings, offers, or community recognition.

Discoverability

- Placement under the Birthdays sub-heading 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 automated reminders, coupons, or analytics.

Technical Equity

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

Scoping

In Scope

- Prompts users to provide their birthday when missing
- Configures prompt message stored in a dedicated table
- Integrates with the View tab of the user Account area
- Presents a form for configuring the multi-lingual prompt message
- Features documentation and modular code structure to increase technical equity

Out of Scope (Potential)

- Helper module that automatically produces birthday coupons or birthday greetings
- Helper module that analyzes statistical summaries of birthdays.
- Helper module that customizes birthday fields beyond existing Drupal profile data.