

DAYDA.NET

Data management solutions for science and education

DAYDA.NET allows you to manage your data online from anywhere at any time. Suitable data structures for teaching management and selected scientific areas are already predefined, but can be easily expanded to cover any area. Web pages, customized views and new procedures can be easily incorporated into the system and connected to your data. Extended libraries for HTML creation, database management and PHP data handling allow for a fast development of new features. The appearance of the system can be configured over the system interface. The system is organized in modules. Use only those modules that you need!

Contact us and tell us about your specific demands at

<http://www.dayda.net>

Display

- Data display (predefined selections, sorting, und search function)
- Display of related data
- Template controlled display
- Interface to external programs

Data manipulation

- Form-free data input
- Data processing via mouse click
- SQL interface

Configuration

- Tables and fields can be freely defined and connected to each other through the system interface.
- Predefined specialized data types (can be easily expanded)
- Highly configurable permissions (per user, user group, table, field, or data properties)
- Configurable appearance
- Configurable links
- Configurable data processing and analysis
- Automatic processes

Data backup and protection

- Database status
- Automatic backups
- Automatic data correctness and consistence check
- Periodical status reports per e-mail
- Logging

Import/Export

- Import and export in various standard data formats (CSV, SQL, XML, HTML)
- Template-controlled data import and export

Messaging

- E-mails / internal system messages
- E-mail templates

Teaching management

- Automatic creation of course schedule
- Import / export of student data
- Interface for students
- Display of course schedule per assistant / course unit / student
- Marks input and display
- Marks statistics
- Upload / download of documents
- Plagiarism check

- Documentation of course contents
- Notification per e-mail at certain events

Scientific data

- Chemicals (properties, availability, ordering information)
- Solutions (Instructions for preparation, availability)
- Molecular biology data (genes, vectors, plasmids, enzymes)
- Protein purification (methods, enzyme assays, gels, numerical data handling)
- Protein crystallization (parameters, components, observations, pictures)
- Data bases of successful crystallization experiments
- Crystallographic data (coordinates, refinement data, data files)

Research management

- Method collections
- Management of equipment und devices (incl. accompanying files)
- Ordering material
- Lab journal (free text, numerical data, pictures, files)
- Equipment booking
- Event schedule (seminars, lectures, meetings, events)
- Software (location, documentation, access)
- Computers (name, IP address, user, access, location)
- Coworker data (e-mail address, telephone, address)
- Literature (bibliographical data, PDF-library, automatic literature search)
- Self presentation (research topics / projects, collaboration partner)
- Internal white board for coworkers
- E-mail distribution lists (group members, equipment users)
- Document archive