This poster illustrates the main features of the Entry, Descent and Landing Repository (EDL-R), which is an online digital library containing technical data that contributed to the research, development, and flight of NASA EDL systems of past and present missions.

The EDL-R is a customization of the EPrints software, an open-source web-based digital library system. Features include a submission workflow, multiple search and browse mechanisms, and automatic notification of newly submitted material. Other important features such as batch-import and auto-completion have been implemented to facilitate the submission process.

### Key Features

#### Submission Workflow

1. **Type Stage**: Material type is selected (e.g., dataset/publication, report, test results).
2. **Upload Stage**: Material is uploaded and assigned a sensitivity level that identifies who can view the material.
3. **Details Stage**: Material is described using bibliographic info such as title, author, publisher.
4. **Subjects Stage**: Material is assigned subject keywords. Subjects can be selected from a predefined subject tree or entered in a free-form text field.
5. **Deposit Stage**: Depositor is presented with legal language. The depositor must agree with the terms to continue depositing the material.

#### Search Methods

- **Quick Search**: Google-like text search.
- **Simple Search**: Quick search + sorting mechanism.
- **Advanced Search**: Allows searching on any metadata field.

#### Browse Methods

Registered users can browse the EDL-R by using any of the 4 Browse methods: Browse by type, Browse by Author, Browse by Year, and Browse by Subject.

#### Security

- **Password Security**: Password strength checking, Password expiration notification, and variable password lifetime are just a few of the security features.
- **Document Filtering**: Search and browse results are filtered by document sensitivity level and user type through an access control list.

#### Other Features

- **Auto-completion**: Suggests data entry values while the Most Wanted List provides a bulletin board for users to post requests for material.
- **Batch Importing**: Allows uploading multiple files at once.
- **Password Security**: Includes virus checking on all uploaded documents.