# Select Objects

You can select the objects to be unloaded from a list. This selection list can also be used for other purposes such as listing the source of an object or deleting it.

The selection list is produced with the **Select objects** (or **Select**) function, which is provided on the object specification screen of the unload function when performed in advanced-user mode.

The selection list is displayed on a **List** screen, which is described in the following section.

**Note:**
The select function for Natural system error messages is described in the section *Select System Error Messages*.

- Columns and Commands on List Screens

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## Columns and Commands on List Screens

The columns and commands provided on a **List** screen are explained in the following table.

The display of the columns contained on a **List** screen depends on the type of object selected from the **Select Unload Type** menu. The type of object processed is contained in the screen title, for example, **List Library Objects** or **List Command Processors**.

You can use the input fields below each column heading to start the list from a particular object or filter objects. Valid input values are mentioned in the table below.

| Column | PF Key | Explanation |
|--------|--------|-------------|
| **Cmd** | | One of following line commands can be entered in the input field next to the object required: |
| | | `L or LI`  Lists the source code of the object (not applicable to Natural command processor sources). <br><br> For a user-defined error message: lists the short and the long texts of the error message. |
| | | `S or SE` `UL or U`  Selects the object for subsequent unloading. <br><br> **Attention:** <br> Any of these commands only marks the object selected for subsequent processing. To execute the unload function, you need to choose PF2 (Unloa) described below. |
| | | `DE`  Deletes the object. |
| **Name** | | The object name. <br><br> You can enter a name or a range of names: see *Name* in *Name, Date and Time Specification*. <br><br> For a user-defined error message, the message number and the language code is displayed. For example: `10 (Lang =1)` denotes message number 10 in language 1 (English). |
| **Type** | | The type of Natural library object such as `Program`. <br><br> Valid input values are one or more object-type codes such as `P` for program. For a list of codes, see `NATTYPE` in the section *select-clause*. <br><br> For a Natural-related object of the type profile or DL/I subfile, this column contains the type of profile (such as `Editor`) or DL/I subfile (such as `NBD Subfile`). |

| Column | PF Key | Explanation |
|---|---|---|
| **S/C** | | The kind of Natural library object: by default, all source (S) objects and/or cataloged (C) objects available are displayed on the screen.<br><br>Valid input values are one or more of the following codes:<br><br>S — Source objects only.<br><br>C — Cataloged objects only.<br><br>S/C — Both source and cataloged objects if both exist.<br><br>W — All STOWed objects: source and cataloged objects with identical date and time.<br><br>* — All source objects and/or cataloged objects.<br><br>For a user-defined error message, this column contains the short text of the error message. |
| **M** | | The programming mode of the Natural library object. By default, any mode is displayed.<br><br>Valid input values are one or more of the following codes:<br><br>S — Structured mode only.<br><br>R — Reporting mode only.<br><br>* — Any mode, structured and/or reporting.<br><br>For a user-defined error message, this column contains the short text of the error message. |
| **Version** | | The Natural version under which the Natural library object was saved and/or cataloged.<br><br>You can enter a version using the following format: *V.R.S* where *V* is the 1-digit version, *R* the 1-digit release, and *S* the 2-digit system maintenance level. For valid ranges of versions, see *Name* in *Name, Date and Time Specification*.<br><br>For a user-defined error message, this column contains the short text of the error message. |

| Column | PF Key | Explanation |
|--------|--------|-------------|
| **User ID** | | The ID of the user who saved or cataloged the Natural library object or DDM. You can enter a single user ID or a range of user IDs: see *Name*.<br><br>For a user-defined error message, this column contains the short text of the error message. |
| **Date** | | The date when the Natural library object or DDM was saved or cataloged. You can enter a date or a range of dates: see *Date* in *Name, Date and Time Specification*.<br><br>For a user-defined error message, this column contains the short text of the error message. |
| **Time** | | The time when the Natural library object or DDM was saved or cataloged. You can enter a time or a range of times: see *Time* in *Name, Date and Time Specification*.<br><br>For a user-defined error message, this column contains the short text of the error message. |
| **DBID** | | The database ID of the system file where DDMs or Natural-related objects are stored. |
| **FNR** | | The file number of the system file where DDMs or Natural-related objects are stored. |
| | PF2 | Starts unloading the objects selected for processing.<br><br>As an alternative, in the Command line, you can enter either of the following direct commands:<br><br>`UNLOAD`<br>or<br>`UNLD` |
| | PF11 | Marks all objects listed for subsequent unloading with PF2.<br><br>As an alternative, in the Command line, enter either of the following direct commands:<br><br>`SELECT ALL`<br>or<br>`SEL ALL` |