README: install-nfile.bat Command Breakdown

This README explains each command used in the `install-nfile.bat` script that sets up `.nlock` file associations and context menus in Windows.

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reg

Explanation:
Windows command-line tool for editing the registry. Used to add, delete, and query keys and values.

add

Explanation:
Adds a new registry key or value.

"HKCR.nlock"

Explanation:
Specifies the registry path under HKEY_CLASSES_ROOT for the `.nlock` file extension.

/ve

Explanation:
"Value Empty" — modifies the default (unnamed) value of the key.

/t REG_SZ

Explanation:
Sets the value type to `REG_SZ` (a plain string).

/d "NLockFile"

Explanation:
Sets the data for the registry value. This maps `.nlock` files to a custom file type named `NLockFile`.

/f

Explanation:
Forces the command to execute without asking for confirmation (force overwrite).

"HKCR\NLockFile"

Explanation:
Creates a new custom file type ProgID for `.nlock` files.

"HKCR\NLockFile\DefaultIcon"

Explanation:
Sets the icon that Windows Explorer uses for `.nlock` files.

"HKCR\NLockFile\shell\open\command"

Explanation:
Defines what happens when a user double-clicks a `.nlock` file. It points to the `NLock.Unlock.exe` executable.

"HKCR\AllFileSystemObjects\shell\NLock"

Explanation:
Creates a new context menu entry named `NLock` for all file types (single or multiple selections).

MUIVerb

Explanation:
Sets the label text shown in the context menu.

Icon

Explanation:
Specifies the icon that will appear next to a context menu item. Points to an executable and icon index.

SubCommands

Explanation:
An empty string value that makes the menu a cascading submenu (i.e., a parent with child items).

"HKCR\AllFileSystemObjects\shell\NLock\shell\Lock"

Explanation:
Defines the "Lock" submenu item under the `NLock` cascading context menu.

"HKCR\AllFileSystemObjects\shell\NLock\shell\Lock\command"

Explanation:
Specifies the command that runs when the "Lock" menu item is selected.

Command Format: "\"C:\Program Files\NLock\NLock.Lock.exe\" \"%1\""

Explanation:
- Entire command is wrapped in escaped quotes to support spaces in paths. - `%1` is replaced by the selected file path.

Same format applies for the "Unlock" entry as well.

This README helps clarify how the registry is configured using the batch file and what each line accomplishes.