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## Perplexity Labs Inbox x



**Rudi Farkas** <rudi.farkas@gmail.com>

10:38 AM (1 hour ago)

to me

Perplexity Labs

<https://labs.perplexity.ai/>

To achieve the task of printing the path to the Derived Data directory for an Xcode project, along with options to find files by name or pattern and to remove the directory, you can create scripts in both Bash and Fish. Here are examples of how you can do this:

### Bash Script

Here is a Bash script that accomplishes the tasks:

```
```bash
#!/bin/bash

# Function to get the Derived Data path
get_derived_data_path() {
    local project_path=$1
    if [[ "$project_path" == *.xcodproj ]]; then
        derived_data_path=$(xcodebuild -project "$project_path" -showBuildSettings | grep OBJROOT | cut -d "=" -f 2- | sed 's/^ */')
        derived_data_path=$(dirname "$derived_data_path")
        derived_data_path=$(dirname "$derived_data_path")
    elif [[ "$project_path" == *.xcworkspace ]]; then
        derived_data_path=$(xcodebuild -workspace "$project_path" -showBuildSettings | grep OBJROOT | cut -d "=" -f 2- | sed 's/^ */')
        derived_data_path=$(dirname "$derived_data_path")
        derived_data_path=$(dirname "$derived_data_path")
    else
        echo "Error: Invalid project file."
        exit 1
    fi
    echo "$derived_data_path"
}
```