

px: PEAX Command Line Client

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Abstract

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1 Einstiegsbeispiel

```
package main

import (
    "fmt"
    "log"
    "os"

    "gopl.io/ch05/links"
)

// breadthFirst calls f for each item in the worklist.
// Any items returned by f are added to the worklist.
// f is called at most once for each item.
func breadthFirst(f func(item string) []string, worklist []string) {
    seen := make(map[string]bool)
    for len(worklist) > 0 {
        items := worklist
        worklist = nil
        for _, item := range items {
            if !seen[item] {
                seen[item] = true
                worklist = append(worklist, f(item)...)
            }
        }
    }
}

func crawl(url string) []string {
    fmt.Println(url)
    list, err := links.Extract(url)
    if err != nil {
        log.Print(err)
    }
    return list
}

func main() {
```

1 Einstiegsbeispiel

```
// Crawl the web breadth-first,  
// starting from the command-line arguments.  
breadthFirst(crawl, os.Args[1:])  
}
```

Codebeispiel 1: Some Go Code

Literatur

Donovan, Alan A. A. and Kernighan, Brian W. (2015). *The Go Programming Language*. Addison-Wesley.

Gancarz, Mike. (1995). *The UNIX Philosophy*. Digital Press.

Abbildungsverzeichnis

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