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package retailers

import (
    "fmt"
    "github.com/pkg/errors"
    "io/ioutil"
    "net/http"
    "net/url"
    "strings"
)

const (
    PC_URL_PREFIX = "https://poisoncityestore.com"
    PC_SEARCH_URL = "https://poisoncityestore.com/search?q=%s+vinyl"
)

type PoisonCity struct{}

func (a *PoisonCity) GetArtistQueryURL(artist string) string {
    query := fmt.Sprintf(PC_SEARCH_URL, url.QueryEscape(artist))
    return query
}

func (a *PoisonCity) ScrapeArtistReleases(artist string) (findings []SKU, err error) {

    findings = []SKU{}
    query := a.GetArtistQueryURL(artist)
    resp, err := http.Get(query)
    if err != nil {
        return nil, errors.Wrapf(err, "failed to retrieve search query %s", query)
    }
    body, err := ioutil.ReadAll(resp.Body)
    if err != nil {
        return nil, errors.Wrapf(err, "failed to extract body of search results %s", query)
    }
    toks := strings.Split(string(body), ">")

    for idx, t := range toks {
        if strings.Index(t, "row results") >= 0 {
            sku := SKU{}
            subUrl := strings.TrimPrefix(strings.TrimSpace(toks[idx+3]), "<a href=\"")
            subUrl = PC_URL_PREFIX + strings.TrimSuffix(subUrl, "\"")

            // now read THAT url...
            query := fmt.Sprintf(subUrl)
            resp, err := http.Get(query)
            if err != nil {
                fmt.Printf("[FAILED: %s]..", err.Error())
                return nil, errors.Wrapf(err, "failed to open sub url %s", subUrl)
            }
            body, err := ioutil.ReadAll(resp.Body)
            if err != nil {
                fmt.Printf("[FAILED: %s]..", err.Error())
                return nil, errors.Wrapf(err, "failed to open body of sub url %s",
subUrl)
            }

            subToks := strings.Split(string(body), ">")
            for idx, tok := range subToks {
                if strings.Index(tok, "itemprop=\"image\"") > 0 {
                    sku.Image = "https:" +
strings.TrimPrefix(strings.TrimSpace(tok), "<meta itemprop=\"image\" content=\"")
                    sku.Image = strings.TrimSuffix(sku.Image, "\" /")
                }
                if strings.Index(tok, "itemprop=\"name\"") >= 0 {
                    sku.Name = strings.TrimSpace(subToks[idx+1])
                    sku.Name = strings.TrimSuffix(sku.Name, "</h1")
                }
                if strings.Index(tok, "itemprop=\"price\"") >= 0 {
                    sku.Price = strings.TrimSpace(subToks[idx+1])
                    sku.Price = strings.TrimSuffix(sku.Price, "</span")
                }
                if strings.Index(tok, "\"Sold Out\"") >= 0 {

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        sku.Price = "sold out"
    }
}

if !strings.HasPrefix(strings.ToLower(sku.Name), strings.ToLower(artist)) {
    continue
}

sku.Image = fmt.Sprintf("<img width=\"150px\" height=\"150px\"
src=\"%s\">", sku.Image)

    // store new price
    findings = append(findings, sku)
}
}
return findings, nil
}
```