

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is light green. They are positioned diagonally, with the blue one partially covering the green one.

Photoring

David Mauricio Delgado
Ruiz - John Guerra



What is photoring?

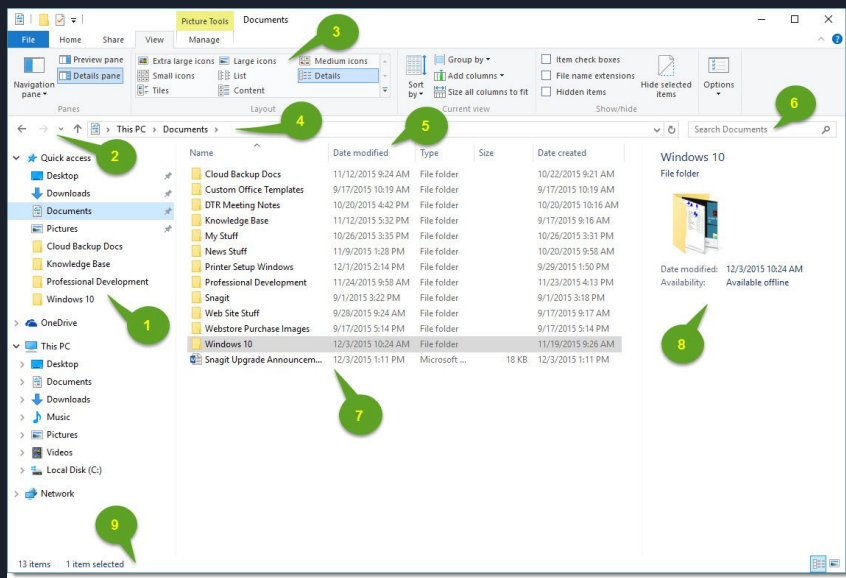
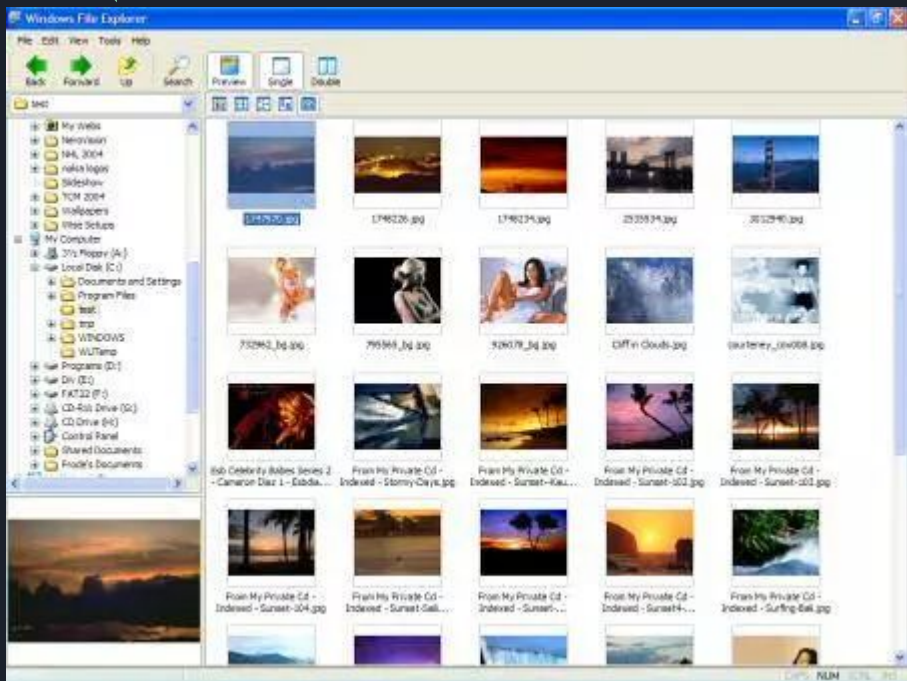
A tool for the Navigation and
exploration of large image
collections



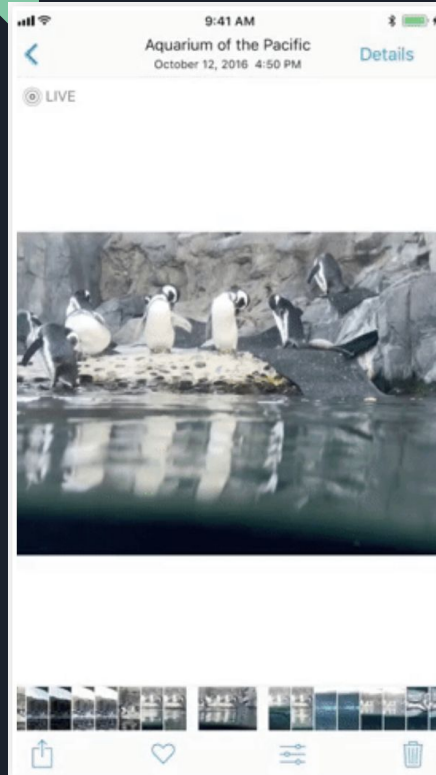
What is photoring?

Is it really a problem?

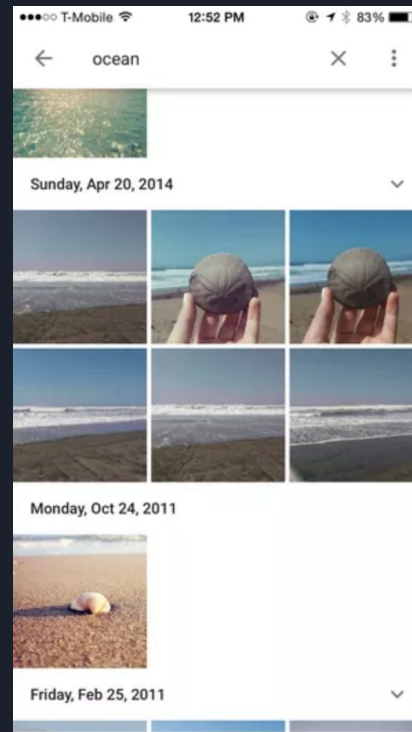
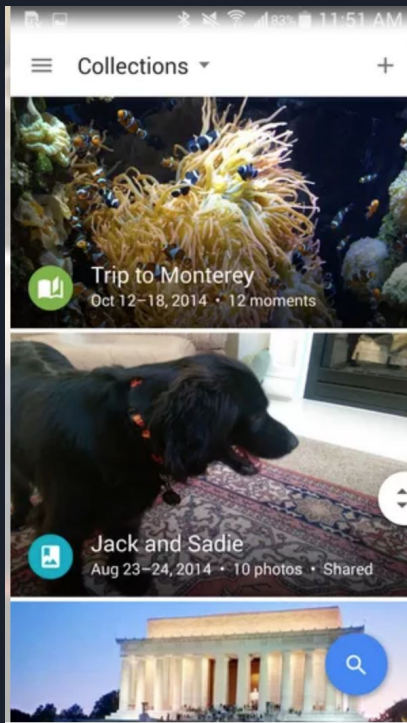
Is it really a problem? - Microsoft solution



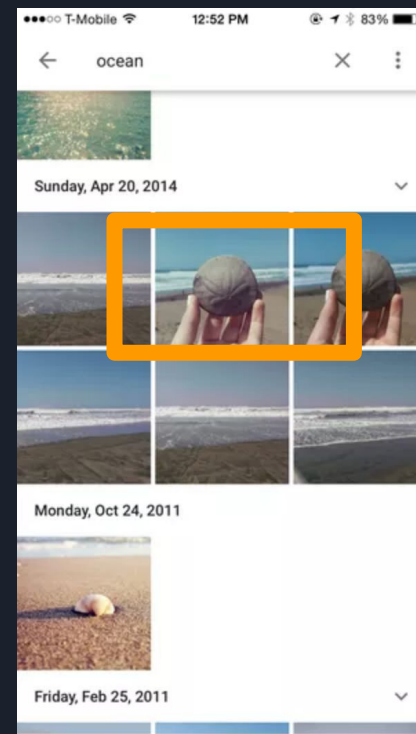
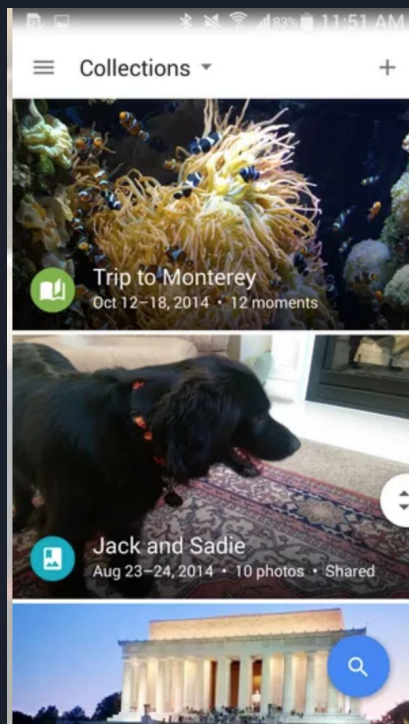
Is it really a problem? - Apple solution



Is it really a problem? - Google Solution



Is it really a problem? - Google Solution



Large collections of photos



Internet Archive Book Images

20.7K Followers • 0 Following

+ Follow



5,249,952 Photos

About

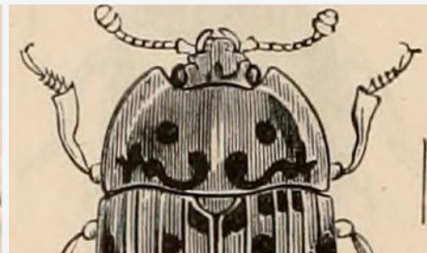
Photostream

Albums

Faves

Galleries

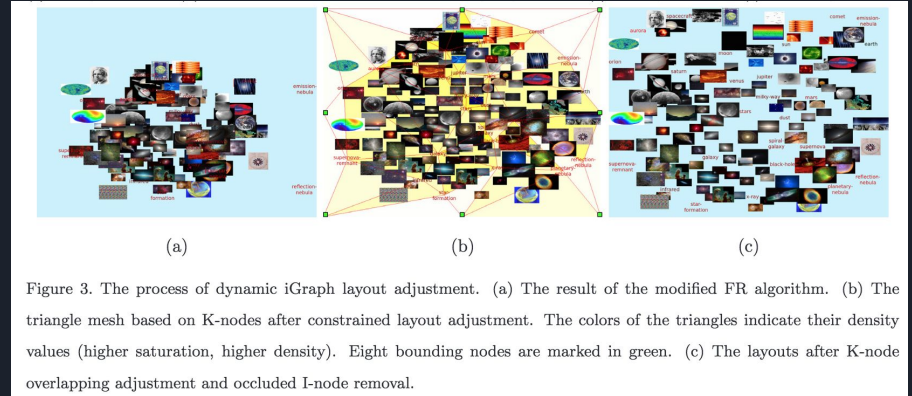
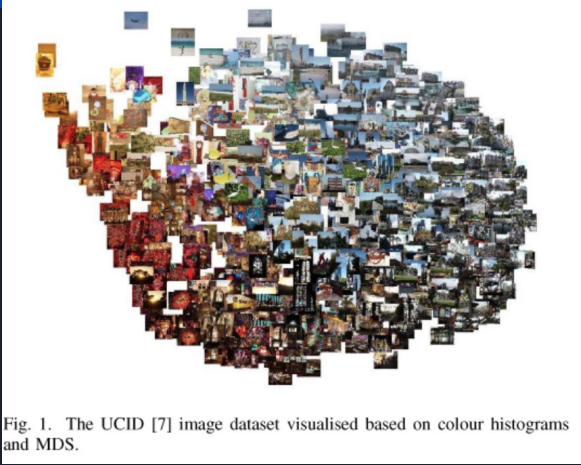
Groups



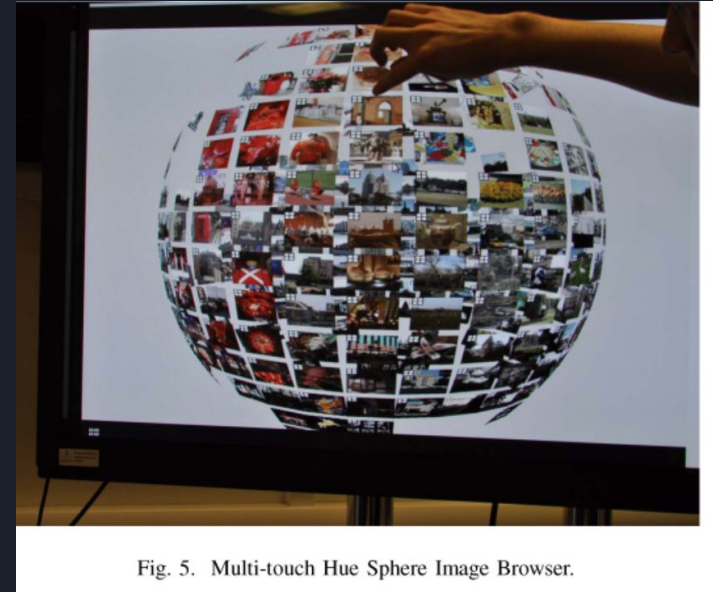
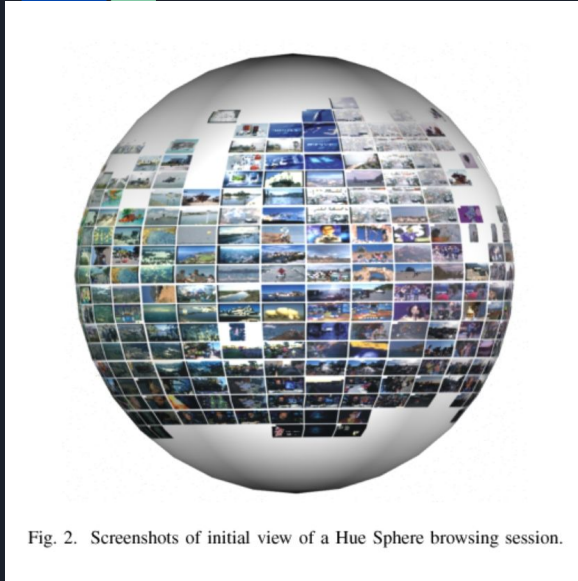


Other approaches

Other approaches



Other approaches - Gerald Schaffer





What is our approach?

Photos have characteristics



Title: Marilyn Monroe, actress, New York

Identifier: 275101-28281

Date: May 1957

Authors: Richard Avendon

Nationality: (American, 1923–2004)

Camera: Canon-360ks

Print: Gelatin silver print, printed 1989,
7 15/16 x 7 13/16" (20.2 x 19.8 cm)

.... And many more.

Photos have characteristics -> **dimensions**



Title: Marilyn Monroe, actress, New York

Identifier: 275101-28281

Date: May 1957

Authors: Richard Avedon

... And **many** more.

characteristics -> **dimensions**



characteristics -> **dimensions**

date = [1910-03-17, 1925-10-17, ... , 2018-02-15]

Author = ["Andrés Cepeda", "Fernando Botero", ... , "Pablo Picasso",]

ORDER

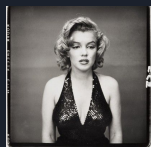
Dimension: author



Andrés Pérez

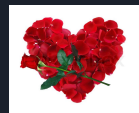
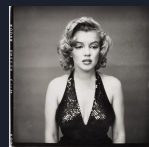


Caracol TV

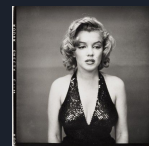


Richard Avenson

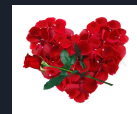
Dimension: rating



Dimension: date



1957



2007



2018

Dimension: author



Andrés Pérez



Caracol TV

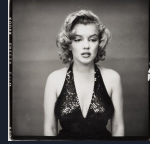


Richard Avenson

Dimension: rating



Dimension: date



1957



2007



2018

Dimension: author



Andrés
Pérez

Caracol TV

Richard
Avenson

Dimension: rating



9.5

8.5

1.5

Dimension: date



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1957

2007

2018



How would you like to **move** through the collection?

- Move to the next/previous photo
- Jump inside a particular dimension
- Jump across dimensions
- Jump across sections within a dimension
- Know WHERE I am in the collection

Change context quickly



Photoring solution

Demo



Challenges

- Keep context: Users can go back to the previous location they were located
- Flexible persistence model: multiple dimensions, changing datasets