epi

← Bat Cave

Concourse A
ターミナレ Terminal
手荷物受取所 Luggage Claim
契歩 Hotel

Ascend

epi Ascend
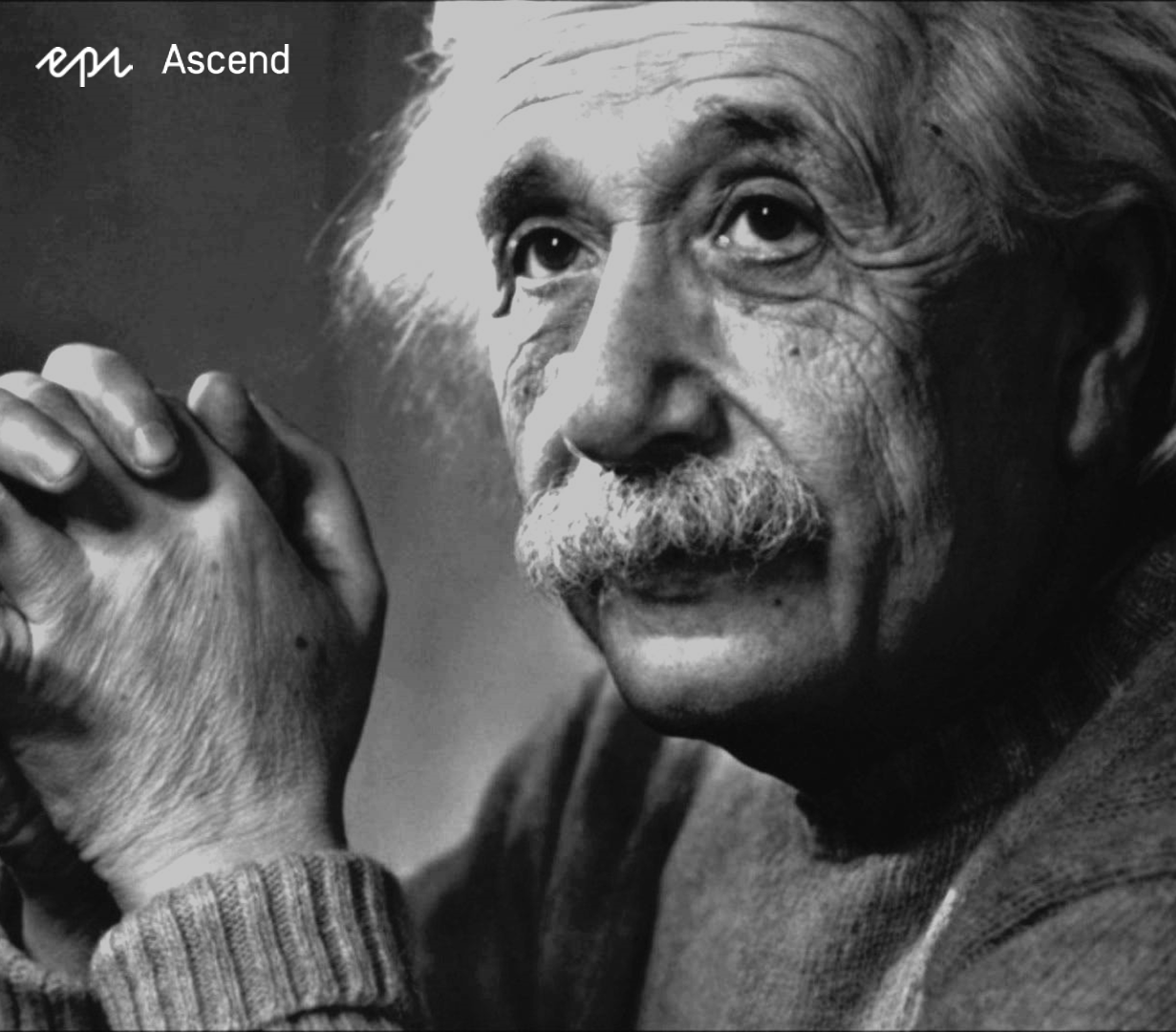
01

Introduction

Jeroen

Principal Episerver

valtech_

02

Designing the catalog

> " Everything should be made as simple as possible, but no simpler. "

Albert Einstein

epi Ascend

Entry types

What entry types do you need?
Products, SKUs (product variations), bundles and/or packages ?

Designing the catalog

Entry types

01

Products

Enrichment is primarily done on this level.

epi Ascend

Entry types

02

Variations (SKUs)

Sellable unit.

Usually images and properties such as color or size are added on this level.

If you are only going to have one SKU per product, then there is no need for a product content type.

Designing the catalog

Entry types

03

Bundles

Separate prices for each of the SKUs.

Relies on each SKUs inventory.

Designing the catalog

Entry types

04

Packages

Separate price.

Separate inventory.

Implements IPricing.

Catalog segmentation

_____

Use Categories, MetaFields, or a combination?
Use product grouping or only SKU's?

Designing the catalog

Catalog segmentation

01

Categories

... provide structure to your catalog content.

... make management much simpler.

... usually reflect the site's product segmentation.

Designing the catalog

Catalog segmentation

02

MetaFields

… are usually a secondary mechanism for segmenting the catalog.

Designing the catalog

Catalog segmentation

03

Product grouping

... can be used under the categories.

If you are only going to have one SKU per product, then there is no need for a product content type.

EPiServer Commerce supports multi-level product inheritance .

Designing the catalog

Catalog segmentation

<u>04</u>

Ask yourself

How will the catalog be managed?

Does the catalog structure makes sense to client?

Are the catalog's fields and data structures as simple as possible?

Pitfalls

Multiple catalogs.
The amount of SKUs.

Designing the catalog

Pitfalls

01

Multiple catalogs

Avoid using multiple catalogs if possible.

One catalog is easier to manage.

Leaving the catalog name out of the url is OOTB, for ONE catalog.
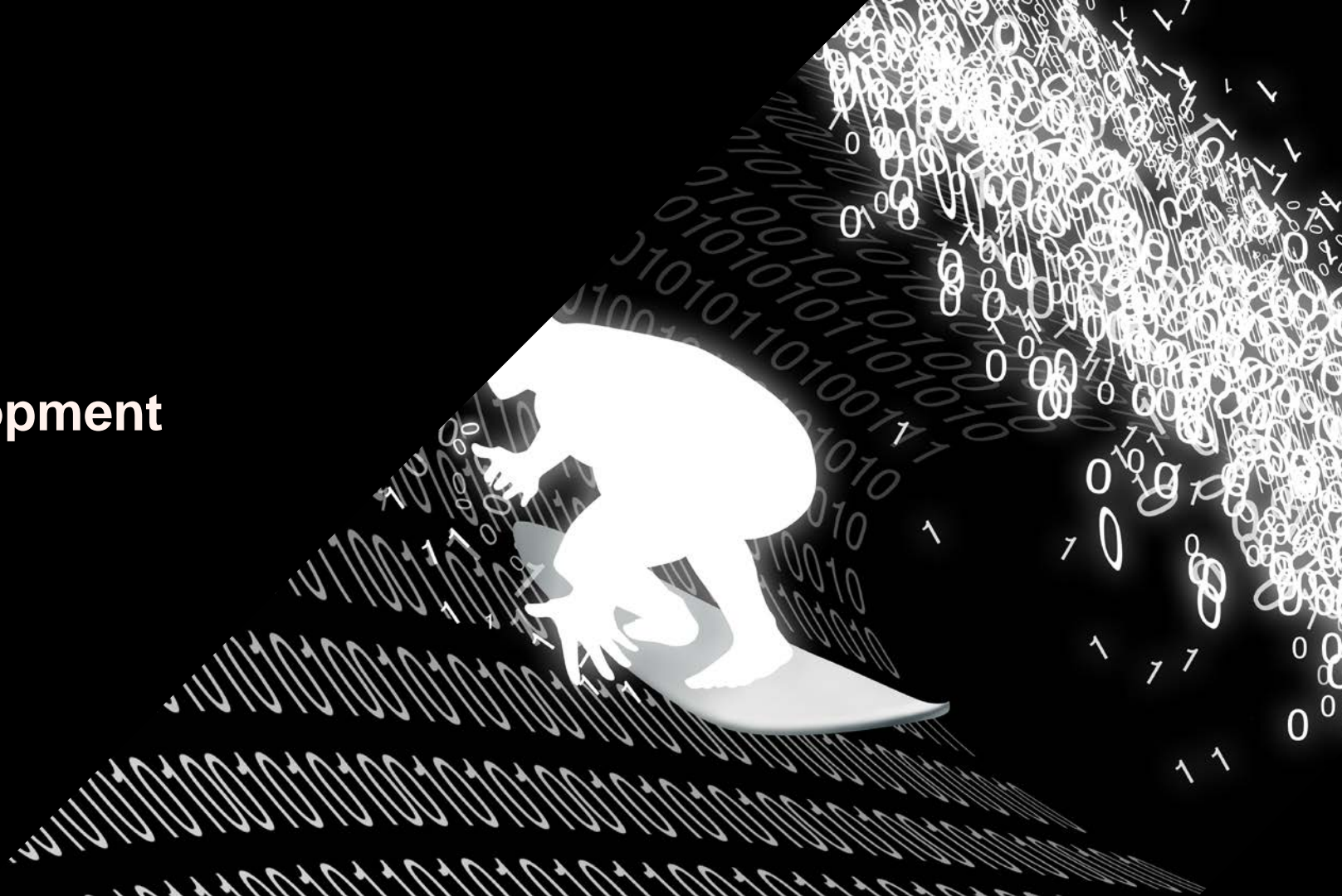
Designing the catalog

Pitfalls

02

The amount of SKUs.

Avoid categories with too many SKUs.

Limit SKUs associated with Product.

03

Development

Development

01

Do…

use the content model as much as possible.

use base classes.

exclude types that should not be added.

use solid naming conventions when defining meta-classes and meta-fields.

Development

02

Don't…

rename properties, if it can be avoided.

use "Image" or "File" MetaField types.

use properties that need [IgnoreMetaDataPlusSynchronization], if it can be avoided.

```csharp
private Injected<IProductService> ProductService { get; set; }

private IEnumerable<GenericVariation> _variations;
[Ignore]
[JsonIgnore]
public IEnumerable<GenericVariation> Variations ⇒ _variations ?? (_variations = ProductService.Service.GetVariations<GenericVariation>(this));

private GenericVariation _defaultVariation;
[Ignore]
[JsonIgnore]
public GenericVariation DefaultVariation ⇒ _defaultVariation ?? (_defaultVariation = Variations.GetVariationByShippingPackage(SalesPriceUnit));

[IgnoreMetaDataPlusSynchronization]
public decimal FromPrice
{
    get
    {
        try
        {
            return this.Variations.GroupBy(x ⇒ x.Name)
                .Select(
                    group ⇒
                    {
                        decimal minPrice = group.Min(x ⇒ x.DefaultPrice().UnitPrice.Amount);
                        return minPrice;
                    }).FirstOrDefault();
        }
        catch (Exception)
        {
            return 0;
        }

    }
}
```
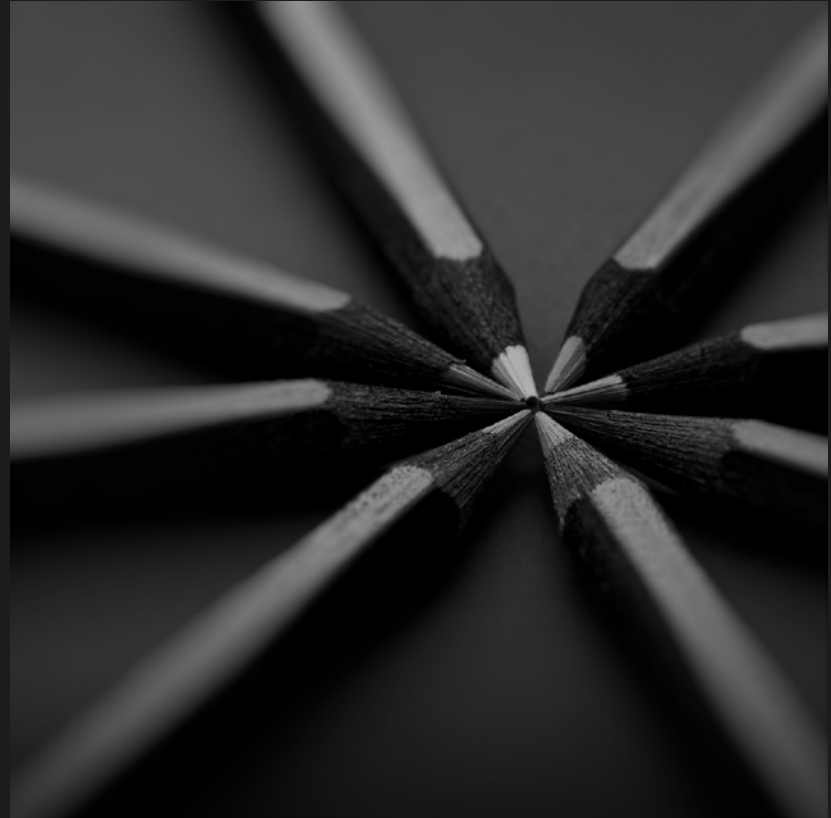
04

Questions

vimvq1987.com

jstemerdink.wordpress.com

getadigital.com/blog

world.episerver.com

thank you_

Designing your commerce catalog

valtech_

where **experiences** are **engineered**

Kanaalweg 29
3526 KM Utrecht
The Netherlands

valtech.com

Jeroen Stemerdink

Principal Episerver
jeroen.stemerdink@valtech.nl

https://jstemerdink.wordpress.com
#epidemic