USDL Examples

XWebServices: XWebCheckOut



SYSTEMATIC THOUGHT LEADERSHIP FOR INNOVATIVE BUSINESS

SAP Research November 2009





:: WEB SERVICES :: XWEBCHECKOUT :: PRICING ::

OPTIONS:

The XWebCheckOut Web Service features a 30 day free trial period. Keeping our promise to deliver SOA Solutions via XML/SOAP based Web Services at extremely competitive prices, we offer the following 3 subscription options after the initial 30 day free trial period:

- Hosted: Less than 10,000 hits a month \$10/month or \$100/year
- Hosted: More than 10,000 hits a month \$0.015/hit
- Dedicated \$999/cpu (includes Source Code and Database)

There are **no** activation fees, setup fees, termination fees or any other hidden fees period! No commitment is required. Yearly subscriptions are non-refundable.

Price Plan (Pricing)

BILLING OPTIONS:

Because we wanted to be as flexible as possible when it came to billing options, we will accept all possible types of payment - except for cash! You may opt to pay by Check, Cashiers Check, Money Order, Credit Card, etc. A form of payment is **not** required during registration! You will receive an Email notification around the 20th day of your free trial period with the billing details.

DISCOUNTS:

Significant discounts are offered to customers subscribing to multiple Web Services. Please visit our <u>discount pricing</u> page for complete details.

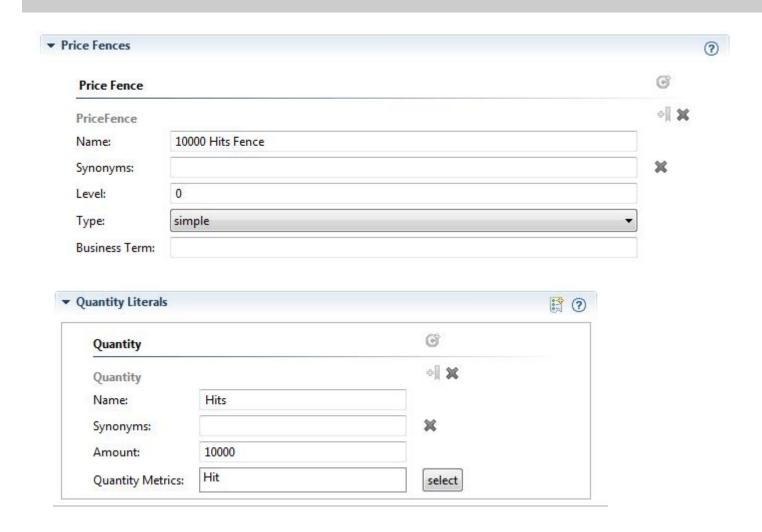
Priceplan / Pricelevel



ce Plans			
Price Plan			G
PricePlan			• x
Name:	Less than 10,000 hits a month pricing plan		
Synonyms:			×
hort Description: Hosted			
omponent Assumes	Level	? ?	
PriceLevel		G	
PriceLevel		• X	
Name:	10 Dollar per Month		
Synonyms:		×	
Amount:	10		
Amount Type:	absolute ▼		
Tax Rate:	0.0		
Level Fences:	10000 Hits Fence	select	
Is Percentage Of:	▼		
Is Charged Per:	Month	select	
Has Adjustments:	50 % Discount when sign up for a merchant account	select	

Price Fence





DISCOUNT PRICING PLANS

XWebServices, Inc. is currently offering the following promotions:

ECOMMERCE PROMOTION

Sign up for a merchant account for credit card processing through Merchant Account Offers and get the XWebCheckOut XML/SOAP based Web Service for only \$5/month or \$50/year. With this promotion, you save 50% off the regular price of our Less than 10,000 hits a month pricing plan.

Pricing: Discounts



ice Adjustments			(
Price Adjustmen	t	© ©	
Discount		• x	
Name:	50 % Discount when sign up for a merchant accoun-		
Synonyms:		×	
Amount:	50		
Amount Type:	relative ▼		
Tax Rate:	0.0		
Order:	1		

Functional



:: XWEBCHECKOUT SOAP METHODS ::

Operation (Functional)

Version 2

returns a specific Order.
performs data manipulation on individual Order records.
adds an Order.
updates an Order.
deletes an Order.
perfoms credit card payment processsing. Merchant Account and LinkPoint Secure Payment Gateway setup are required.
perfoms credit card payment processsing. Merchant Account and CyberSource Payment Gateway setup are required.
returns all Orders for which a 'Basket' entry/node was created, in the reverse chronological order the records were entered into the system.
returns "paginated" Order records, for which a 'Basket' entry/node was created, in the reverse chronological order the records were entered into the system.
returns all Orders for which a 'Receipt' entry/node was created, in the reverse chronological order the records were entered into the system.
returns "paginated" Order records, for which a 'Receipt' entry/node was created, in the reverse chronological order the records were entered into the system.

TechnicalInterface (Functional)

Functional



TechnicalOperation	n	0			
TechnicalOperation	n	• x			
Name:	LoadOrder				
Synonyms:		30	▼ Inputs		P ?
Short Description:			TechnicalParameter		G
Long Description:	Returns a specific Order.	*	TechnicalParameter		• x
		*	Name:	strOrderID	
Realized Actions:		5	Synonyms:		×
Kealized Actions:		select	Short Description:		
▶ Inputs			Long Description:	^	
▶ Outputs			T I	*	
			Туре:	s:string	
			Min Occurs:	0	
			Max Occurs:	1	
			Realized Parameters:		

Resources



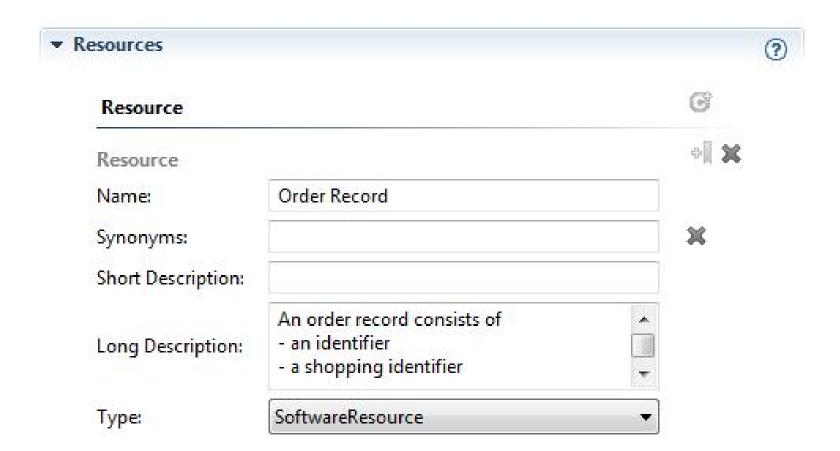
:: WEB SERVICES :: XWEBCHECKOUT :: DOCUMENTATION ::

An Order record, in regards to the XWebCheckOut Web Service, consists of:

- an identifier
- a shopper identifier
- · the Basket contents
- · Shipping information: name, address, phone number, fax number, email
- · Billing information: name, address, phone number, fax number, email
- Credit Card details: type, number, expiration date, verification number
- the Receipt contents and Total amount of the order
- Comments: special requests, suggestions, specific instructions, etc.

Resources





Interaction: Phases



:: WEB SERVICES :: XWEBCHECKOUT WEB SERVICE ::

SHOPPING CART CHECKOUT PROCESS WEB SERVICE

DEFINITION:

XWebCheckOut is an XML/SOAP based Web Service which provides integration and management of the standard ECommerce Shopping Cart checkout process to client applications:

Basket → Shipping → Billing → Credit Card → Receipt

OVERVIEW:

Search for **Shopping Cart** using your favorite search engine and look at most of the results. Every Shopping Cart solution being offered today relies on *templates* that a website owner has to integrate into his/her website. Although every solution promises to be flexible and easy to integrate, how much flexibility can you really get when integrating *templates*?

With the XWebCheckOut Web Service, you no longer have to rely on templates to have the online Shopping Cart you always wanted. By simply consuming the Web Service for your data needs, you now have the freedom to keep the look and feel of your website, customizing each page of the checkout process the way you want, not the way others thought was best suited for you!

Interaction Protocol (Interaction)

Phase (Interaction)

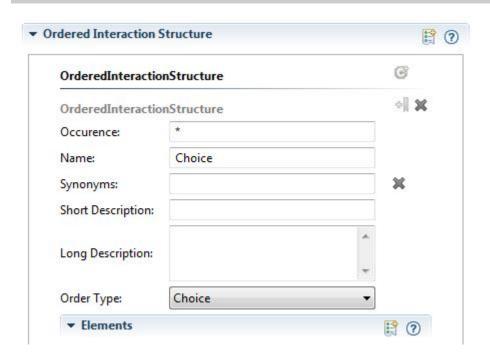
Interaction: Phases



Phase		0	Phase	LOSA W	6 X
Phase		• 3 ¢	Name: Synonyms:	Billing	ж
Name:	Basket		Short Description:		
Synonyms:		30	Short Description		
Short Description:			Long Description:		
Long Description:		^			
		*	Preconditions:		[
Preconditions:					select
Phase		select			
Name:	Shipping				
Synonyms:		ж			
Short Description:					
Long Description:		-			
Preconditions:		select			

Interaction: Ordered Structure





OrderedInterac	tionciement	
Interaction		0 ×
Occurence:	*	T)
Name:	Load Order	
Synonyms:		30
Short Descriptio	n:	
		⊕∥ 3 €
nteraction		- "II A
Occurence:	0	
Name:	Add Order	
ynonyms:		ж