

Prosper API Specification v1.2.6

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Revision History

Version	Date	Description
1.2.6	8/27/2009	<ul style="list-style-type: none"> Added ProsperRating to Listing Object Added ProsperRating to Loan Object
1.2.5	3/27/2008	<ul style="list-style-type: none"> Questions and Answers Now available via authenticate field on Listing
1.2.4	02/22/2008	<ul style="list-style-type: none"> Added Bid Source and LoanNumber to LenderLoan Added Category to Listing
1.2.3	12/14/2007	<ul style="list-style-type: none"> Added Marketplace Object
1.2.2	10/15/2007	<ul style="list-style-type: none"> Added Login/Logout Added Extended Credit to Listing for Authenticated Lenders Added LenderLoan Object for Authenticated Lenders
1.2.1	08/16/2007	<ul style="list-style-type: none"> Changes to the Loan Object: <ul style="list-style-type: none"> Added ListingKey Changes to the Listing Object: <ul style="list-style-type: none"> Added BidCount Added IsBankAccountVerified Added IsBorrowerHomeOwner
1.2	06/26/2007	<ul style="list-style-type: none"> Enabled searching across all currently supported Objects Added Loan Object Changes to the Listing Object: <ul style="list-style-type: none"> Added AmountFunded Added AmountRemaining Added PercentFunded Changes to the Member Object <ul style="list-style-type: none"> Added LastModifiedDate Changes to the Group Object <ul style="list-style-type: none"> Added LastModifiedDate
1.1	04/18/2007	<ul style="list-style-type: none"> Changes to the Listing Object: <ul style="list-style-type: none"> Added BorrowerAPR to match website.. DebtToIncomeRatio is now capped at 1001% to match changes to the website.
1.0	03/22/2007	Document Created

Overview

The API provides users with access to the information available in the Prosper Marketplace. The API is based on the Representational State Transfer (REST) model in the form of a Web Service and a WSDL (Web Services Description Language). More details on the WSDL specification can be found at:

<http://www.w3.org/TR/wsdl>

The API will be accessible in conjunction with the following protocols:

- SOAP 1.1, 1.2
- HTTP GET/POST

Details on the Prosper API is available at:

- <https://www.prosper.com/tools/API.aspx>

The Prosper API Web Service is available at:

- <https://services.prosper.com/ProsperAPI/ProsperAPI.asmx>

The WSDL for the Prosper API Web Service is available at:

- <https://services.prosper.com/ProsperAPI/ProsperAPI.asmx?WSDL>

Methods

The API supports the following methods:

- Describe
- Login
- Logout
- Query
- Retrieve

Describe

This method is called as follows:

```
Describe(authenticationToken, objectType)  
    string authenticationToken;  
    string objectType;
```

Provides the definition details for the given object. (Similar to the description provided in Appendix A).

- **Example: Describe**(null, "listing")
– provides the definition of a Listing.
- Calling Describe with the empty string (" ") as the `objectType` will return a description of all the available Prosper objects.
- See Appendix D for details on this method
- Authentication is irrelevant to the describe method. The same results are returned whether authenticated or not.

Login

This method is called as follows:

```
Login(email, password)
    string email;
    string password;
```

Authenticates the user as a lender and returns in the message an authentication token that is valid for 15 minutes.

Logout

This method is called as follows:

```
Logout(authenticationToken)
    string authenticationToken;
```

Explicitly logout.

Query

This method is called as follows:

```
Query(authenticationToken, objectType, fields, conditionExpression)
    string authenticationToken;
    string objectType;
    string fields;
    string conditionExpression;
```

- Provides the requested fields for all the objects of the given type that match the conditional expression.
- **Example: Query**(null, "Bid", "CreationDate,Amount,Status,ListingKey", "Amount > 20000") – provides CreationDate, Amount, Status and ListingKey for all bids where the bid amount is more than \$20,000.
- For an extensive discussion about the syntax and rules used for queries, see Appendix B - Prosper Object Query Language (POQL)
- Query will return a maximum of 2000 item results. It is suggested that requests that could potentially return more than 2000 items be broken down into multiple requests.
- See Appendix E for details on this method.
- **You must be authenticated to retrieve authenticated fields.**

Retrieve

This method is called as follows:

```
Retrieve(authenticationToken, objectType, fields, keys)
    string authenticationToken;
    string objectType;
    string fields;
    string keys;
```

- Provides the requested fields for all the objects of the given type for the given Keys.
- **Example: Retrieve**(null, "listing", "Title,StartDate,AmountRequested", "145D34675435605568A445C,172534677980538677E1D71,17C434675455588217B7A41") – provides the Title, Start Date and Amount Requested for those 3 listings.
- Retrieve will return a maximum of 2000 item results. It is suggested that requests that could potentially return more than 2000 items be broken down into multiple requests.
- See Appendix F for details on this method.
- **Note: You must be authenticated to retrieve authenticated fields.**

Data Types

- Boolean
- DateTime
- Decimal
 - **Amounts** – these are currency numbers rounded to 2 decimal places (for example: \$2000.00).
 - **Rates/Ratios/Percentages** – these are represented as numbers rounded to 5 decimal places (for example .06250 which also represents 6.250%)
- Integer
- String
 - Some fields of this type are the primary keys for that Object. Please see the next section on Keys.

Keys

Each object has a `key` which is the unique identifier for that object. This `key` is of type string – more specifically `char(23)`. Foreign key fields are also named with the postfix `Key`. (For example the field `MemberKey` in the Listing object refers to the `key` of the Member object).

In some cases the record pertaining to the foreign key may not be available. (For example: if a Member creates a Listing and then is removed from the Prosper Marketplace, the listing will still appear with that member's `MemberKey` however there will be no record of that member in the Member object.)

When using the Query method, please enclose `MemberKeys` in single-quotes (') as they are of type string.

The key for a specific object is the same no matter where the key is used (be it the public website, the data export, or the API.)

Appendix A – Prosper Objects Details

Prosper API Definition - Details

Version: 1.2.5

Author: Prosper API Services - apiservices@prosper.com

Date: 2008-03-27

Bid Object

Description: A Bid is created when a Lender wishes to lend money to a Borrower in response to a Listing the Borrower created to solicit Bids. Bids are created by specifying an Amount and a Minimum Rate in which the Lender wishes to receive should the Bid win the auction and become a Loan. The Minimum Rate remains private unless the Bid is Outbid by other Bids offering a lower Minimum Rate.

Name	Label	Type	Authenticated	Description
Amount	Amount	decimal	No	The amount that was bid.
CreationDate	Creation Date	datetime	No	The date the bid was created.
Key	Key	string	No	The primary key identifier for the Bid Object. All Bids have a unique Key.
LastModifiedDate	Last Modified Date	datetime	No	The date the bid was last modified.
ListingKey	Listing Key	string	No	The Key of the Listing the Bid was placed on. See the Listing Object for more information.
MemberKey	Member Key	string	No	The Key of the Member who placed this bid. See the Member Object for more information.
MinimumRate	Minimum Rate	decimal	No	This is the minimum rate that the Lender is willing to accept on their bid. This field is populated only if the bid Status is Outbid, otherwise it is Null. (As is currently exposed on the website).
ParticipationAmount	Participation Amount	decimal	No	The amount of the Bid Amount that is winning and therefore participating in the bid.
Status	Status	integer	No	The status of the Bid. It is one of the following numerical values: 0 (Withdrawn) 1 (Outbid) 2 (Winning) 3 (Partially Participating)

Group Object

Description: A Group is a collection of Members who share a common interest or affiliation. Groups are managed by Group Leaders who bring borrowers to Prosper, maintain the group's presence on the site, and collect and/or share Group Rewards. Borrowers who are members of a group often get better interest rates because Lenders tend to have more confidence in Borrowers that belong to trusted Groups.

Name	Label	Type	Authenticated	Description
ApprovalDate	Approval Date	datetime	No	The date the group was approved.
City	City	string	No	The city of the location of the group.
CreationDate	Creation Date	datetime	No	The date the group was created.
Description	Description	string	No	The description that the group leader provides about this group.
GroupLeaderRewardPercentageOfBase	Group Leader Reward Percentage Of Base	decimal	No	The percentage of the base reward which is kept by the Group Leader.
GroupRating	Group Rating	integer	No	The Group Rating of the Group. It is one of the following numerical values: 0 (Not yet rated) 1 (1 Star) 2 (2 Stars) 3 (3 Stars) 4 (4 Stars) 5 (5 Stars)
IsAcceptingNewMembers	Is Accepting New Members	boolean	No	Specifies whether or not the group is accepting new members to join the group.
Key	Key	string	No	The primary key identifier for the Group Object. All

				Groups have a unique Key.
LastModifiedDate	Last Modified Date	datetime	No	The date the group was last modified.
ListingReviewRequirement	Listing Review Requirement	integer	No	The Listing Review Requirement of the Group. It is one of the following numerical values: 1 (Not Required) - A listing is not subject to review by the Group Leader before going live. 2 (Required) - A listing is subject to review by the Group Leader before going live.
MemberKey	Member Key	string	No	The Key of the member who is the Group Leader of this Group. See the Member Object for more information.
Name	Name	string	No	The name of the group.
ShortDescription	Short Description	string	No	The short description that the group leader provides about this group.
ShortName	Short Name	string	No	The short name of the group.
State	State	string	No	The two letter abbreviation of the state (in the United States, or military state) of the

				address of the location of the group.
				The status of the Group. It is one of the following numerical values: 0 (Pending Approval) 1 (Approved) 2 (Denied) 3 (On Hold)
Status	Status	integer	No	

LenderLoan Object

Description: A Lender Loan is a portion of a loan owned by the authenticated lender.

Name	Label	Type	Authenticated	Description
BidSource	Bid Source	string	Yes	The source of the Bid.
DPD	Days Past Due	integer	Yes	Days Past Due
Key	Key	string	Yes	The primary key identifier for the Loan Object. All Loans have a unique Key.
LoanNumber	Loan Number	integer	Yes	The number that uniquely identifies the listing to the lender as displayed on the website and in statements.
PrincipalBalance	Lender Principal Balance	decimal	Yes	Lender Principal Balance.
PrincipalLoaned	Lender Principal Loaned	decimal	Yes	Lender Principal Loaned.
PrincipalRepaid	Lender Principal Repaid	decimal	Yes	Lender Principal Repaid.

Listing Object

Description: A Listing is created by a Borrower to solicit bids by describing themselves and the reason they are looking to borrow money. If the Listing receives enough bids by Lenders to reach the Amount Requested then after the Listing period ends it will become a Loan. A Borrower may only have one active listing at a particular moment in time.

Name	Label	Type	Authenticated	Description
AmountDelinquent	Amount Delinquent	decimal	Yes	Amount currently delinquent.

AmountFunded	Amount Funded	decimal	No	The monetary amount of the listing which has been funded.
AmountRemaining	Amount Remaining	decimal	No	The monetary amount of the listing which still remains to be funded.
AmountRequested	Amount Requested	decimal	No	The amount that the member requested to borrow in the listing.
BankcardUtilization	Bankcard Utilization	decimal	Yes	Bankcard Utilization.
BidCount	Bid Count	integer	No	The total number of Bids on this listing.
BidMaximumRate	Maximum Rate To Bid	decimal	No	The Maximum Rate in which a bidder will be able to lend money in order to create a winning bid. This rate is less than or equal to Current Rate based on market conditions.
BorrowerAPR	Borrower APR	decimal	No	The borrower Annual Percentage Rate (APR) is an expression of the effective interest rate that will be paid on a loan. It is different from the borrower rate (or "note rate") because it includes one-time fees in an attempt to calculate a total cost of borrowing money.
BorrowerMaximumRate	Maximum Rate	decimal	No	The Maximum interest rate the borrower is willing to pay when the listing was created.
BorrowerRate	Borrower Rate	decimal	No	The is the rate the borrower pays if the loan were to

				close at this point in time. The rate is computed as the LenderRate + GroupLeaderRewardRate (if applicable) + BankDraftFeeAnnualRate (if applicable).
BorrowerState	Borrower State	string	No	The two letter abbreviation of the state (in the United States, or military state) of the address of the borrower at the time the Listing was created.
Category	Category	integer	No	The Category of this Listing. The Category is one of the following numerical values: 0 Not Available 1 Debt Consolidation 2 Home Improvement Loan 3 Business Loan 4 Personal Loan 5 Student Loan 6 Auto Loan 7 Other
CreationDate	Creation Date	datetime	No	The date the listing was created.
CreditGrade	Credit Grade	integer	No	Credit Grade of the borrower at the time the listing was created. The Credit Grade is one of the following numerical values: 0 (NC) 1 (HR) 2 (E) 3 (D) 4 (C) 5 (B) 6 (A) 7 (AA)
CurrentCreditLines	Current Credit Lines	integer	Yes	Current Credit Lines

DebtToIncomeRatio	Debt to Income Ratio	decimal	No	The debt to income ratio of the borrower at the time the listing was created. This value is null if the debt to income ratio is not available. This value is capped at 10.01 (so any actual debt to income ratio larger than 1000% will be returned as 1001%).
DelinquenciesLast7Years	Delinquencies Last 7 Years	integer	Yes	Delinquencies Last 7 Years.
Description	Description	string	No	The description about the Listing that the Member writes when creating the Listing.
Duration	Duration	integer	No	The number of days in which the listing is valid for.
EmploymentStatus	Employment Status	string	Yes	Employment Status.
EmploymentStatusDuration	EmploymentStatusDuration	integer	Yes	Employment Status Duration In Months.
EndDate	End Date	datetime	No	The date when the listing ends
FirstRecordedCreditLine	First Recorded Credit Line	datetime	Yes	First Recorded Credit Line
FundingOption	Funding Option	integer	No	The Funding Option of the Listing. It is one of the following values: 0 (Open For Duration) - The listing is open for it's duration. 1 (Close When Funded) - The listing will close as soon as it is 100% funded.
GroupKey	Group Key	string	No	The Key of the Group in which the member is a member of. See

				the Group Object for more details.
GroupLeaderRewardRate	Group Leader Reward Rate	decimal	No	The portion of the Borrower Rate which will be paid to the Group Leader.
IncomeRange	Income Range	string	Yes	Income Range.
InquiriesLast6Months	Inquiries Last 6 Months	integer	Yes	Inquiries Last 6 Months
IsBankAccountVerified	Is Bank Account Verified	boolean	No	Specifies whether or not the member has a verified Bank Account. DEPRECATED: This field may be removed in future releases. The value at this point in time is always true.
IsBorrowerHomeowner	Is Borrower a Homeowner	boolean	No	Specifies whether or not the member is a verified Homeowner at the time the listing was created.
Key	Key	string	No	The primary key identifier for the Listing Object. All Listings have a unique Key.
LastModifiedDate	Last Modified Date	datetime	No	The date the listing was last modified.
ListingNumber	Listing Number	integer	No	The number that uniquely identifies the listing to the public as displayed on the website.
MemberKey	Member Key	string	No	The Key of the member who creating the Listing. See the Member Object for more information.
NowDelinquent	Now Delinquent	integer	Yes	Current delinquencies.
Occupation	Occupation	string	Yes	Occupation.
OpenCreditLines	Open Credit Lines	integer	Yes	Open Credit Lines

PercentFunded	Percent Funded	decimal	No	The percentage amount of the loan which has been funded. This can also be calculated as (AmountFunded / AmountRequested)
ProsperRating	Prosper Rating	int	No	Prosper Rating at the time the listing was created. The Prosper Rating is one of the following numerical values: 0 (N/A) 1 (HR) 2 (E) 3 (D) 4 (C) 5 (B) 6 (A) 7 (AA) All listings prior to 4/28/2009 have a Prosper Rating of 0 (N/A).
PrimaryImageURL	PrimaryImageURL	string	No	The primary image URL for the Listing Object.
PublicRecordsLast10Years	Public Records Last 10 Years	integer	Yes	Public Records Last 10 Years
PublicRecordsLast12Months	Public Records Last 12 Months	integer	Yes	Public Records Last 12 Months.
QuestionsAndAnswers	Questions And Answers	ListingQuestionAndAnswer[]	Yes	The questions and answers associated with the listing.
RevolvingCreditBalance	Revolving Credit Balance	decimal	Yes	Revolving Credit Balance.
StartDate	Start Date	datetime	No	The starting time of the Listing.
Status	Status	integer	No	The status of the Listing is one of the following numerical values: 2 (Active) - The listing is current active in the marketplace 4 (Withdrawn) - The listing was withdrawn by customer request

5 (Expired)- The listing failed to fund in time
6 (Completed) - The listing ran to completion and funded
7 (Cancelled) - The listing was canceled by Prosper
8 (Pending Verification) - The listing ran to completion but is awaiting additional bank or identity verification

Title	Title	string	No	The title of the Listing. The member assigns this text when creating the listing.
TotalCreditLines	Total Credit Lines	integer	Yes	Credit Lines Last 7 Years

ListingQuestionAndAnswer Object

Description: A ListingQuestionAndAnswer public answered question on a listing.

Name	Label	Type	Authenticated	Description
Answer	Answer	string	Yes	The Answer
AnswerCreationDate	Answer Creation Date	datetime	Yes	The creation date of the Answer
ListingNumber	Listing Number	integer	Yes	The Listing number of the listing of which this is the Question and Answer
Question	Question	string	Yes	The Question
QuestionCreationDate	Question Creation Date	datetime	Yes	The creation date of the Question
Questioner	Questioner	string	Yes	The Key of the Member asking the Question

Loan Object

Description: A Loan is created when a Borrower has received enough Bids to meet the full amount of money that the Borrower requested in their Listing. The Borrower must then make payments on the Loan to keep its status current.

Name	Label	Type	Authenticated	Description
------	-------	------	---------------	-------------

AgeInMonths	Age In Months	integer	No	The number of whole months since the origination date, starting with 0.
AmountBorrowed	Amount Borrowed	decimal	No	The amount that was borrowed.
BorrowerRate	Borrower Rate	decimal	No	The borrower rate for this loan.
CreationDate	Creation Date	datetime	No	The date the Listing became a loan.
CreditGrade	Credit Grade	string	No	Credit Grade of the borrower at the time the listing for this loan was created.
DebtToIncomeRatio	Debt to Income Ratio	decimal	No	The debt to income ratio of the borrower at the time the listing for this loan was created. This value is null if the debt to income ratio is not available. This value is capped at 10.01 (so any actual debt to income ratio larger than 1000% will be returned as 1001%).
GroupKey	Group Key	string	No	The Key of the Group to which this Loan belongs. Please refer to the Group Object.
Key	Key	string	No	The primary key identifier for the Loan Object. All Loans have a unique Key.
LastModifiedDate	Last Modified Date	datetime	No	The date the loan was last modified.
LenderRate	Lender Rate	decimal	No	The lender rate for this loan.
ListingKey	Listing Key	string	No	The Key of the Listing to which this Loan belongs. Please refer to the Listing Object.
LoanOutcome	Loan Outcome	integer	No	The final loan outcome can be one of the following: 2 (TBD) - The loan outcome is not yet determined. 4 (Cancelled) - The loan was cancelled. 5 (Defaulted) - The loan defaulted. 6 (PaidInFull) - The loan was paid in full. 7 (Repurchased) - The loan was repurchased by Prosper.
MonthsPastDue	Months Past Due	decimal	No	The number of months the loan is past due.
OriginationDate	Origination Date	datetime	No	The date that Borrower receives funds and amortization begins.
ProsperRating	Prosper Rating	integer	No	Prosper Rating at the time the listing for the loan was created. The Prosper Rating is one of the following numerical values: 0 (N/A)

ServicingStatus	Servicing Status	integer	No	<p>1 (HR) 2 (E) 3 (D) 4 (C) 5 (B) 6 (A) 7 (AA)</p> <p>All loans with listings prior to 4/28/2009 have a Prosper Rating of 0 (N/A).</p> <p>The loan servicing status can be one of the following: 1 (Originating) - The loan was created but has not yet originated. 2 (Billing) - The loan is active and is subject to billing. 5 (PayoffInProgress) - The loan is active, but is awaiting the clearance of the final loan payment. 6 (Ceased) - The loan is inactive and servicing has ceased.</p>
Term	Term	integer	No	The length of the loan in months.

Marketplace Object

Description: The Marketplace is a collection of metrics and statistics about the Prosper Marketplace. These metrics are calculated daily.

Name	Label	Type	Authenticated	Description
FeaturedListings	Featured Listings	ProsperObject[]	No	This returns an array of Listings which are the current featured listings without any authenticated fields.
HistoricalInterestRatesTable	Historical Interest Rates Table	xml	No	This returns an xml table with the average interest rates by loan amount, credit grade, and group membership on loans already funded on Prosper.
LoanVolumeToDate	Loans Originated Amount To Date	decimal	No	The total dollar amount of loans originated to date.
MembersToDate	Members To Date	integer	No	The total number of members to date.

Member Object

Description: A Member is a registered user of the Prosper Marketplace site. A

Member may have one or multiple roles which determines which actions the Member is allowed to perform on the site.

Name	Label	Type	Authenticated	Description
CreationDate	Creation Date	datetime	No	The date in which the Member registered on the system.
Description	Description	string	No	The description that the Member provides about themselves.
GroupKey	Group Key	string	No	The Key of the Group to which this Member belongs. You can get more details on this Group by referencing the Group Object.
Key	Key	string	No	The primary key identifier for the Member Object. All Members have a unique Key.
LastModifiedDate	Last Modified Date	datetime	No	The date the member was last modified.
Roles	Roles	integer	No	<p>This is the roles of the member. The roles of the Member is one of the following numerical values:</p> <p>1 (Registered) - The member is Registered but does not have a role.</p> <p>3 (Borrower) - The member is a Borrower only.</p> <p>5 (Lender) - The member is a Lender only.</p> <p>7 (Borrower and Lender) - The member is both a Borrower and a Lender.</p> <p>9 (Group Leader)- The member is a Group Leader only.</p> <p>11 (Borrower and Group Leader) - The member is both a Borrower and a Group Leader.</p> <p>13 (Lender and Group Leader) - The member is both a Lender and a Group Leader.</p> <p>15 (Borrower, Lender and Group Leader) - The member is a Borrower, a Lender and a Group Leader.</p>
ScreenName	Screen Name	string	No	The name in which the Member uses to identify themselves on the public website.

Appendix B – Prosper Object Query Language (POQL)

Use the Prosper Object Query Language (POQL) to construct simple but powerful query strings query call. Similar to the SELECT command in SQL, POQL allows you to specify the source object (such as Listing), a list of fields to retrieve, and conditions for selecting objects from the source object.

POQL Syntax

POQL uses the following syntax:

```
Query(objectType, fields, conditionExpression)  
(as in select fields from objectType where conditionExpression)
```

where:

Syntax	Description
objectType	Specifies the type of Prosper object that you want to query. You must specify a valid Prosper object. For a list of valid objects, see Appendix A – Prosper Object Details.
fields	Specifies a list of one or more fields, separated by commas, that you want to retrieve from the specified object. You must specify valid field names.
conditionExpression	Determines which rows in the specified object to retrieve. See conditionExpression Syntax for the appropriate syntax.

conditionExpression Syntax

The conditionExpression uses the following syntax:

```
fieldExpression [logicalOperator fieldExpression2] [logicalOperator  
fieldExpression3]...
```

- You can use parentheses to define the order in which fieldExpressions are evaluated.
 - For example, the following expression is True if fieldExpression1 is True and either fieldExpression2 or fieldExpression3 are True.

```
fieldExpression1 AND (fieldExpression2 OR fieldExpression3)
```

- However, the following expression is True if either fieldExpression3 is True or both fieldExpression1 and fieldExpression2 are True.

```
(fieldExpression1 AND fieldExpression2) OR fieldExpression3
```

- Client applications must specify parentheses when nesting operators. However, multiple operators of the same type do not need to be nested.

See fieldExpression Syntax for the syntax of fieldExpressions. See Logical Operators for the valid logical operators.

fieldExpression Syntax

A fieldExpression uses the following syntax:

fieldName comparisonOperator value

where:

Syntax	Description
fieldName	The name of a field in the specified object. Use of single or double quotes around the name will result in an error. You must have at least read-level permissions to the field. It can be any field—it does not need to be a field in the fieldList.
comparisonOperator	One of the comparison operators listed in Comparison Operators.
value	A value used to compare with the value in fieldName. You must supply a value whose data type matches the field type of the specified field. You must supply a native value—other field names or calculations are not permitted. When making comparisons with a fieldname of type string or datetime the value must be enclosed in enclosed in single quotes (double quotes result in an error).

Comparison Operators

A `fieldExpression` uses the following `comparisonOperators`. Note that comparisons on strings are case-insensitive.

Operator	Name	Description
=	Equals	Expression is True if the value in the specified fieldName equals the specified value in the expression. String comparisons using the equals operator are case-insensitive.
!=	Not equals	Expression is True if the value in the specified fieldName does not equal the specified value.
<	Less than	Expression is True if the value in the specified fieldName is less than the specified value.
<=	Less or equal	Expression is True if the value in the specified fieldName is less than, or equals, the specified value.
>	Greater than	Expression is True if the value in the specified fieldName is greater than the specified value.
>=	Greater or equal	Expression is True if the value in the specified fieldName is greater than or equal to the specified value.
is null	Is null	Expression is True if the value in the specified fieldName is null.
is not null	Is not null	Expression is True if the value in the specified fieldName is not null.

Logical Operators

A `logicalOperator` is used on one or more `fieldExpressions`. A `logicalOperator` is one of the following values:

Operator	Syntax	Description
----------	--------	-------------

and	fieldExpressionX and fieldExpressionY	True only if both fieldExpressionX and fieldExpressionY are True.
or	fieldExpressionX or fieldExpressionY	True if either fieldExpressionX or fieldExpressionY is True.
not	not fieldExpressionX	True if fieldExpressionX is False.

Appendix C – ProsperAPI WSDL

```
<?xml version="1.0" encoding="utf-8" ?>
: <wsdl:definitions xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:tm="http://microsoft.com/wsdl/mime/textMatching/"
  xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/"
  xmlns:tns="https://services.prosper.com/ProsperAPI/"
  xmlns:s="http://www.w3.org/2001/XMLSchema"
  xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/"
  xmlns:http="http://schemas.xmlsoap.org/wsdl/http/"
  targetNamespace="https://services.prosper.com/ProsperAPI/"
  xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
: <wsdl:types>
: <s:schema elementFormDefault="qualified"
  targetNamespace="https://services.prosper.com/ProsperAPI/">
: <s:element name="Bid">
: <s:complexType>
: <s:sequence>
: <s:element minOccurs="0" maxOccurs="1" name="authenticationToken"
  type="s:string" />
: <s:element minOccurs="1" maxOccurs="1" name="listingNumber" type="s:int" />
: <s:element minOccurs="1" maxOccurs="1" name="amount" type="s:decimal" />
: <s:element minOccurs="1" maxOccurs="1" name="minRate" type="s:decimal" />
: <s:element minOccurs="1" maxOccurs="1" name="placeBid" type="s:boolean" />
: </s:sequence>
: </s:complexType>
: </s:element>
: <s:element name="BidResponse">
: <s:complexType>
: <s:sequence>
: <s:element minOccurs="0" maxOccurs="1" name="BidResult"
  type="tns:DefinitionResult" />
: </s:sequence>
: </s:complexType>
: </s:element>
: <s:complexType name="DefinitionResult">
: <s:sequence>
: <s:element minOccurs="1" maxOccurs="1" name="Success" type="s:boolean" />
: <s:element minOccurs="0" maxOccurs="1" name="Message" type="s:string" />
: <s:element minOccurs="0" maxOccurs="1" name="Definition"
  type="tns:Definition" />
: </s:sequence>
: </s:complexType>
: <s:complexType name="Definition">
: <s:sequence>
: <s:element minOccurs="0" maxOccurs="1" name="Object" type="s:string" />
: <s:element minOccurs="0" maxOccurs="1" name="Version" type="s:string" />
: <s:element minOccurs="0" maxOccurs="1" name="Description" type="s:string" />
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```
<s:element minOccurs="0" maxOccurs="1" name="Fields" type="tns:ArrayOfField"
  />
</s:sequence>
</s:complexType>
: <s:complexType name="ArrayOfField">
: <s:sequence>
  <s:element minOccurs="0" maxOccurs="unbounded" name="Field" nillable="true"
    type="tns:Field" />
  </s:sequence>
  </s:complexType>
: <s:complexType name="Field">
: <s:sequence>
  <s:element minOccurs="0" maxOccurs="1" name="Name" type="s:string" />
  <s:element minOccurs="0" maxOccurs="1" name="Label" type="s:string" />
  <s:element minOccurs="0" maxOccurs="1" name="Type" type="s:string" />
  <s:element minOccurs="0" maxOccurs="1" name="Description" type="s:string" />
  <s:element minOccurs="1" maxOccurs="1" name="IsSearchable" type="s:boolean"
    />
  <s:element minOccurs="1" maxOccurs="1" name="Authenticated"
    type="s:boolean" />
  </s:sequence>
  </s:complexType>
: <s:element name="Describe">
: <s:complexType>
: <s:sequence>
  <s:element minOccurs="0" maxOccurs="1" name="authenticationToken"
    type="s:string" />
  <s:element minOccurs="0" maxOccurs="1" name="objectType" type="s:string" />
  </s:sequence>
  </s:complexType>
  </s:element>
: <s:element name="DescribeResponse">
: <s:complexType>
: <s:sequence>
  <s:element minOccurs="0" maxOccurs="1" name="DescribeResult"
    type="tns:DefinitionResult" />
  </s:sequence>
  </s:complexType>
  </s:element>
: <s:element name="Login">
: <s:complexType>
: <s:sequence>
  <s:element minOccurs="0" maxOccurs="1" name="email" type="s:string" />
  <s:element minOccurs="0" maxOccurs="1" name="password" type="s:string" />
  </s:sequence>
  </s:complexType>
  </s:element>
: <s:element name="LoginResponse">
: <s:complexType>
: <s:sequence>
```

```
<s:element minOccurs="0" maxOccurs="1" name="LoginResult"
  type="tns:DefinitionResult" />
</s:sequence>
</s:complexType>
</s:element>
: <s:element name="Logout">
: <s:complexType>
: <s:sequence>
: <s:element minOccurs="0" maxOccurs="1" name="token" type="s:string" />
  </s:sequence>
  </s:complexType>
  </s:element>
: <s:element name="LogoutResponse">
: <s:complexType>
: <s:sequence>
: <s:element minOccurs="0" maxOccurs="1" name="LogoutResult"
  type="tns:DefinitionResult" />
  </s:sequence>
  </s:complexType>
  </s:element>
: <s:element name="Query">
: <s:complexType>
: <s:sequence>
: <s:element minOccurs="0" maxOccurs="1" name="authenticationToken"
  type="s:string" />
: <s:element minOccurs="0" maxOccurs="1" name="objectType" type="s:string" />
: <s:element minOccurs="0" maxOccurs="1" name="fields" type="s:string" />
: <s:element minOccurs="0" maxOccurs="1" name="conditionExpression"
  type="s:string" />
  </s:sequence>
  </s:complexType>
  </s:element>
: <s:element name="QueryResponse">
: <s:complexType>
: <s:sequence>
: <s:element minOccurs="0" maxOccurs="1" name="QueryResult"
  type="tns:ProsperObjectResult" />
  </s:sequence>
  </s:complexType>
  </s:element>
: <s:complexType name="ProsperObjectResult">
: <s:sequence>
: <s:element minOccurs="1" maxOccurs="1" name="Success" type="s:boolean" />
: <s:element minOccurs="0" maxOccurs="1" name="Message" type="s:string" />
: <s:element minOccurs="0" maxOccurs="1" name="ProsperObjects"
  type="tns:ArrayOfProsperObject" />
  </s:sequence>
  </s:complexType>
: <s:complexType name="ArrayOfProsperObject">
: <s:sequence>
```

```
<s:element minOccurs="0" maxOccurs="unbounded" name="ProsperObject"
  nillable="true" type="tns:ProsperObject" />
</s:sequence>
</s:complexType>
<s:complexType name="ProsperObject" abstract="true" />
: <s:complexType name="Listing">
: <s:complexContent mixed="false">
: <s:extension base="tns:ProsperObject">
: <s:sequence>
  <s:element minOccurs="1" maxOccurs="1" name="AmountDelinquent"
    nillable="true" type="s:decimal" />
  <s:element minOccurs="1" maxOccurs="1" name="AmountFunded" nillable="true"
    type="s:decimal" />
  <s:element minOccurs="1" maxOccurs="1" name="AmountRemaining"
    nillable="true" type="s:decimal" />
  <s:element minOccurs="1" maxOccurs="1" name="AmountRequested"
    nillable="true" type="s:decimal" />
  <s:element minOccurs="1" maxOccurs="1" name="BankcardUtilization"
    nillable="true" type="s:decimal" />
  <s:element minOccurs="1" maxOccurs="1" name="BidCount" nillable="true"
    type="s:int" />
  <s:element minOccurs="1" maxOccurs="1" name="BidMaximumRate"
    nillable="true" type="s:decimal" />
  <s:element minOccurs="1" maxOccurs="1" name="BorrowerAPR" nillable="true"
    type="s:decimal" />
  <s:element minOccurs="1" maxOccurs="1" name="BorrowerMaximumRate"
    nillable="true" type="s:decimal" />
  <s:element minOccurs="1" maxOccurs="1" name="BorrowerRate" nillable="true"
    type="s:decimal" />
  <s:element minOccurs="0" maxOccurs="1" name="BorrowerState" type="s:string"
    />
  <s:element minOccurs="1" maxOccurs="1" name="Category" nillable="true"
    type="s:int" />
  <s:element minOccurs="1" maxOccurs="1" name="CreationDate" nillable="true"
    type="s:dateTime" />
  <s:element minOccurs="1" maxOccurs="1" name="CreditGrade" nillable="true"
    type="s:int" />
  <s:element minOccurs="1" maxOccurs="1" name="CurrentCreditLines"
    nillable="true" type="s:int" />
  <s:element minOccurs="1" maxOccurs="1" name="DebtToIncomeRatio"
    nillable="true" type="s:decimal" />
  <s:element minOccurs="1" maxOccurs="1" name="DelinquenciesLast7Years"
    nillable="true" type="s:int" />
  <s:element minOccurs="0" maxOccurs="1" name="Description" type="s:string" />
  <s:element minOccurs="1" maxOccurs="1" name="Duration" nillable="true"
    type="s:int" />
  <s:element minOccurs="0" maxOccurs="1" name="EmploymentStatus"
    type="s:string" />
  <s:element minOccurs="1" maxOccurs="1" name="EmploymentStatusDuration"
    nillable="true" type="s:int" />
```

```
<s:element minOccurs="1" maxOccurs="1" name="EndDate" nillable="true"
  type="s:dateTime" />
<s:element minOccurs="1" maxOccurs="1" name="FirstRecordedCreditLine"
  nillable="true" type="s:dateTime" />
<s:element minOccurs="1" maxOccurs="1" name="FundingOption" nillable="true"
  type="s:int" />
<s:element minOccurs="0" maxOccurs="1" name="GroupKey" type="s:string" />
<s:element minOccurs="1" maxOccurs="1" name="GroupLeaderRewardRate"
  nillable="true" type="s:decimal" />
<s:element minOccurs="0" maxOccurs="1" name="IncomeRange" type="s:string"
  />
<s:element minOccurs="1" maxOccurs="1" name="InquiriesLast6Months"
  nillable="true" type="s:int" />
<s:element minOccurs="1" maxOccurs="1" name="IsBankAccountVerified"
  nillable="true" type="s:boolean" />
<s:element minOccurs="1" maxOccurs="1" name="IsBorrowerHomeowner"
  nillable="true" type="s:boolean" />
<s:element minOccurs="0" maxOccurs="1" name="Key" type="s:string" />
<s:element minOccurs="1" maxOccurs="1" name="LastModifiedDate"
  nillable="true" type="s:dateTime" />
<s:element minOccurs="1" maxOccurs="1" name="ListingNumber" nillable="true"
  type="s:int" />
<s:element minOccurs="0" maxOccurs="1" name="MemberKey" type="s:string" />
<s:element minOccurs="1" maxOccurs="1" name="NowDelinquent" nillable="true"
  type="s:int" />
<s:element minOccurs="0" maxOccurs="1" name="Occupation" type="s:string" />
<s:element minOccurs="1" maxOccurs="1" name="OpenCreditLines" nillable="true"
  type="s:int" />
<s:element minOccurs="1" maxOccurs="1" name="PercentFunded" nillable="true"
  type="s:decimal" />
<s:element minOccurs="0" maxOccurs="1" name="PrimaryImageURL"
  type="s:string" />
<s:element minOccurs="1" maxOccurs="1" name="PublicRecordsLast10Years"
  nillable="true" type="s:int" />
<s:element minOccurs="1" maxOccurs="1" name="PublicRecordsLast12Months"
  nillable="true" type="s:int" />
<s:element minOccurs="1" maxOccurs="1" name="RevolvingCreditBalance"
  nillable="true" type="s:decimal" />
<s:element minOccurs="1" maxOccurs="1" name="ROIInterestAndFeesRate"
  nillable="true" type="s:decimal" />
<s:element minOccurs="1" maxOccurs="1" name="ROI NetDefaultRate"
  nillable="true" type="s:decimal" />
<s:element minOccurs="1" maxOccurs="1" name="ROI ObservationDate"
  nillable="true" type="s:dateTime" />
<s:element minOccurs="1" maxOccurs="1" name="ROI OriginationEnd"
  nillable="true" type="s:dateTime" />
<s:element minOccurs="1" maxOccurs="1" name="ROI OriginationStart"
  nillable="true" type="s:dateTime" />
<s:element minOccurs="1" maxOccurs="1" name="ROI ServicingFeeRate"
  nillable="true" type="s:decimal" />
```



```
<s:element minOccurs="0" maxOccurs="1" name="FeaturedListings"
  type="tns:ArrayOfProsperObject" />
<s:element minOccurs="0" maxOccurs="1" name="HistoricalInterestRatesTable"
  type="s:string" />
<s:element minOccurs="1" maxOccurs="1" name="LoanVolumeToDate"
  nillable="true" type="s:decimal" />
<s:element minOccurs="1" maxOccurs="1" name="MembersToDate" nillable="true"
  type="s:int" />
</s:sequence>
</s:extension>
</s:complexContent>
</s:complexType>
: <s:complexType name="LenderLoan">
: <s:complexContent mixed="false">
: <s:extension base="tns:ProsperObject">
: <s:sequence>
  <s:element minOccurs="0" maxOccurs="1" name="BidSource" type="s:string" />
  <s:element minOccurs="1" maxOccurs="1" name="DPD" nillable="true" type="s:int"
    />
  <s:element minOccurs="0" maxOccurs="1" name="Key" type="s:string" />
  <s:element minOccurs="1" maxOccurs="1" name="LoanNumber" nillable="true"
    type="s:int" />
  <s:element minOccurs="1" maxOccurs="1" name="PrincipalBalance" nillable="true"
    type="s:decimal" />
  <s:element minOccurs="1" maxOccurs="1" name="PrincipalLoaned" nillable="true"
    type="s:decimal" />
  <s:element minOccurs="1" maxOccurs="1" name="PrincipalRepaid" nillable="true"
    type="s:decimal" />
  </s:sequence>
  </s:extension>
  </s:complexContent>
  </s:complexType>
: <s:complexType name="Bid">
: <s:complexContent mixed="false">
: <s:extension base="tns:ProsperObject">
: <s:sequence>
  <s:element minOccurs="1" maxOccurs="1" name="Amount" nillable="true"
    type="s:decimal" />
  <s:element minOccurs="1" maxOccurs="1" name="CreationDate" nillable="true"
    type="s:dateTime" />
  <s:element minOccurs="0" maxOccurs="1" name="Key" type="s:string" />
  <s:element minOccurs="1" maxOccurs="1" name="LastModifiedDate"
    nillable="true" type="s:dateTime" />
  <s:element minOccurs="0" maxOccurs="1" name="ListingKey" type="s:string" />
  <s:element minOccurs="0" maxOccurs="1" name="MemberKey" type="s:string" />
  <s:element minOccurs="1" maxOccurs="1" name="MinimumRate" nillable="true"
    type="s:decimal" />
  <s:element minOccurs="1" maxOccurs="1" name="ParticipationAmount"
    nillable="true" type="s:decimal" />
```

```
<s:element minOccurs="1" maxOccurs="1" name="Status" nillable="true"
  type="s:int" />
</s:sequence>
</s:extension>
</s:complexContent>
</s:complexType>
<:s:complexType name="Loan">
<:s:complexContent mixed="false">
<:s:extension base="tns:ProsperObject">
<:s:sequence>
<s:element minOccurs="1" maxOccurs="1" name="AgeInMonths" nillable="true"
  type="s:int" />
<s:element minOccurs="1" maxOccurs="1" name="AmountBorrowed"
  nillable="true" type="s:decimal" />
<s:element minOccurs="1" maxOccurs="1" name="BorrowerRate" nillable="true"
  type="s:decimal" />
<s:element minOccurs="1" maxOccurs="1" name="CreationDate" nillable="true"
  type="s:dateTime" />
<s:element minOccurs="0" maxOccurs="1" name="CreditGrade" type="s:string" />
<s:element minOccurs="1" maxOccurs="1" name="DebtToIncomeRatio"
  nillable="true" type="s:decimal" />
<s:element minOccurs="0" maxOccurs="1" name="GroupKey" type="s:string" />
<s:element minOccurs="0" maxOccurs="1" name="Key" type="s:string" />
<s:element minOccurs="1" maxOccurs="1" name="LastModifiedDate"
  nillable="true" type="s:dateTime" />
<s:element minOccurs="1" maxOccurs="1" name="LenderRate" nillable="true"
  type="s:decimal" />
<s:element minOccurs="0" maxOccurs="1" name="ListingKey" type="s:string" />
<s:element minOccurs="1" maxOccurs="1" name="LoanOutcome" nillable="true"
  type="s:int" />
<s:element minOccurs="1" maxOccurs="1" name="MonthsPastDue" nillable="true"
  type="s:decimal" />
<s:element minOccurs="1" maxOccurs="1" name="OriginationDate" nillable="true"
  type="s:dateTime" />
<s:element minOccurs="1" maxOccurs="1" name="ServicingStatus" nillable="true"
  type="s:int" />
<s:element minOccurs="1" maxOccurs="1" name="Term" nillable="true"
  type="s:int" />
</s:sequence>
</s:extension>
</s:complexContent>
</s:complexType>
<:s:complexType name="Member">
<:s:complexContent mixed="false">
<:s:extension base="tns:ProsperObject">
<:s:sequence>
<s:element minOccurs="1" maxOccurs="1" name="CreationDate" nillable="true"
  type="s:dateTime" />
<s:element minOccurs="0" maxOccurs="1" name="Description" type="s:string" />
<s:element minOccurs="0" maxOccurs="1" name="GroupKey" type="s:string" />
```

```
<s:element minOccurs="0" maxOccurs="1" name="Key" type="s:string" />
<s:element minOccurs="1" maxOccurs="1" name="LastModifiedDate"
  nillable="true" type="s:dateTime" />
<s:element minOccurs="1" maxOccurs="1" name="Roles" nillable="true"
  type="s:int" />
<s:element minOccurs="0" maxOccurs="1" name="ScreenName" type="s:string" />
</s:sequence>
</s:extension>
</s:complexContent>
</s:complexType>
: <s:element name="Retrieve">
: <s:complexType>
: <s:sequence>
: <s:element minOccurs="0" maxOccurs="1" name="authenticationToken"
  type="s:string" />
: <s:element minOccurs="0" maxOccurs="1" name="objectType" type="s:string" />
: <s:element minOccurs="0" maxOccurs="1" name="fields" type="s:string" />
: <s:element minOccurs="0" maxOccurs="1" name="keys" type="s:string" />
: </s:sequence>
: </s:complexType>
: </s:element>
: <s:element name="RetrieveResponse">
: <s:complexType>
: <s:sequence>
: <s:element minOccurs="0" maxOccurs="1" name="RetrieveResult"
  type="tns:ProsperObjectResult" />
: </s:sequence>
: </s:complexType>
: </s:element>
: </s:schema>
: </wsdl:types>
: <wsdl:message name="BidSoapIn">
: <wsdl:part name="parameters" element="tns:Bid" />
: </wsdl:message>
: <wsdl:message name="BidSoapOut">
: <wsdl:part name="parameters" element="tns:BidResponse" />
: </wsdl:message>
: <wsdl:message name="DescribeSoapIn">
: <wsdl:part name="parameters" element="tns:Describe" />
: </wsdl:message>
: <wsdl:message name="DescribeSoapOut">
: <wsdl:part name="parameters" element="tns:DescribeResponse" />
: </wsdl:message>
: <wsdl:message name="LoginSoapIn">
: <wsdl:part name="parameters" element="tns:Login" />
: </wsdl:message>
: <wsdl:message name="LoginSoapOut">
: <wsdl:part name="parameters" element="tns:LoginResponse" />
: </wsdl:message>
: <wsdl:message name="LogoutSoapIn">
```

```
<wsdl:part name="parameters" element="tns:Logout" />
</wsdl:message>
: <wsdl:message name="LogoutSoapOut">
  <wsdl:part name="parameters" element="tns:LogoutResponse" />
  </wsdl:message>
: <wsdl:message name="QuerySoapIn">
  <wsdl:part name="parameters" element="tns:Query" />
  </wsdl:message>
: <wsdl:message name="QuerySoapOut">
  <wsdl:part name="parameters" element="tns:QueryResponse" />
  </wsdl:message>
: <wsdl:message name="RetrieveSoapIn">
  <wsdl:part name="parameters" element="tns:Retrieve" />
  </wsdl:message>
: <wsdl:message name="RetrieveSoapOut">
  <wsdl:part name="parameters" element="tns:RetrieveResponse" />
  </wsdl:message>
: <wsdl:portType name="ProsperAPI Soap">
: <wsdl:operation name="Bid">
  <wsdl:documentation xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">Validate
    parameters and then place a Bid.</wsdl:documentation>
  <wsdl:input message="tns:BidSoapIn" />
  <wsdl:output message="tns:BidSoapOut" />
  </wsdl:operation>
: <wsdl:operation name="Describe">
  <wsdl:documentation
    xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">Provides the definition
    details for the given object.</wsdl:documentation>
  <wsdl:input message="tns:DescribeSoapIn" />
  <wsdl:output message="tns:DescribeSoapOut" />
  </wsdl:operation>
: <wsdl:operation name="Login">
  <wsdl:documentation
    xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">Authenticates User for
    Extended Data.</wsdl:documentation>
  <wsdl:input message="tns:LoginSoapIn" />
  <wsdl:output message="tns:LoginSoapOut" />
  </wsdl:operation>
: <wsdl:operation name="Logout">
  <wsdl:documentation
    xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">Correctly Logs
    Off.</wsdl:documentation>
  <wsdl:input message="tns:LogoutSoapIn" />
  <wsdl:output message="tns:LogoutSoapOut" />
  </wsdl:operation>
: <wsdl:operation name="Query">
  <wsdl:documentation
    xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">Provides the requested
    fields for all the objects of the given type that match the conditional
    expression.</wsdl:documentation>
```

```
<wsdl:input message="tns:QuerySoapIn" />
<wsdl:output message="tns:QuerySoapOut" />
</wsdl:operation>
: <wsdl:operation name="Retrieve">
  <wsdl:documentation
    xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">Provides the requested
    fields for all the objects of the given type for the given
    Keys.</wsdl:documentation>
  <wsdl:input message="tns:RetrieveSoapIn" />
  <wsdl:output message="tns:RetrieveSoapOut" />
  </wsdl:operation>
  </wsdl:portType>
: <wsdl:binding name="ProsperAPI Soap" type="tns:ProsperAPI Soap">
  <soap:binding transport="http://schemas.xmlsoap.org/soap/http" />
: <wsdl:operation name="Bid">
  <soap:operation soapAction="https://services.prosper.com/ProsperAPI/Bid"
    style="document" />
: <wsdl:input>
  <soap:body use="literal" />
  </wsdl:input>
: <wsdl:output>
  <soap:body use="literal" />
  </wsdl:output>
  </wsdl:operation>
: <wsdl:operation name="Describe">
  <soap:operation
    soapAction="https://services.prosper.com/ProsperAPI/Describe"
    style="document" />
: <wsdl:input>
  <soap:body use="literal" />
  </wsdl:input>
: <wsdl:output>
  <soap:body use="literal" />
  </wsdl:output>
  </wsdl:operation>
: <wsdl:operation name="Login">
  <soap:operation soapAction="https://services.prosper.com/ProsperAPI/Login"
    style="document" />
: <wsdl:input>
  <soap:body use="literal" />
  </wsdl:input>
: <wsdl:output>
  <soap:body use="literal" />
  </wsdl:output>
  </wsdl:operation>
: <wsdl:operation name="Logout">
  <soap:operation soapAction="https://services.prosper.com/ProsperAPI/Logout"
    style="document" />
: <wsdl:input>
  <soap:body use="literal" />
```

```

    </wsdl:input>
  <wsdl:output>
    <soap:body use="literal" />
  </wsdl:output>
</wsdl:operation>
<wsdl:operation name="Query">
  <soap:operation soapAction="https://services.prosper.com/ProsperAPI/Query"
    style="document" />
  <wsdl:input>
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal" />
  </wsdl:output>
</wsdl:operation>
<wsdl:operation name="Retrieve">
  <soap:operation
    soapAction="https://services.prosper.com/ProsperAPI/Retrieve"
    style="document" />
  <wsdl:input>
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal" />
  </wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:binding name="ProsperAPI Soap12" type="tns:ProsperAPI Soap">
  <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
  <wsdl:operation name="Bid">
    <soap12:operation soapAction="https://services.prosper.com/ProsperAPI/Bid"
      style="document" />
  <wsdl:input>
    <soap12:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
</wsdl:operation>
<wsdl:operation name="Describe">
  <soap12:operation
    soapAction="https://services.prosper.com/ProsperAPI/Describe"
    style="document" />
  <wsdl:input>
    <soap12:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap12:body use="literal" />
  </wsdl:output>
</wsdl:operation>

```

```

: <wsdl:operation name="Login">
  <soap12:operation
    soapAction="https://services.prosper.com/ProsperAPI/Login"
    style="document" />
: <wsdl:input>
  <soap12:body use="literal" />
  </wsdl:input>
: <wsdl:output>
  <soap12:body use="literal" />
  </wsdl:output>
  </wsdl:operation>
: <wsdl:operation name="Logout">
  <soap12:operation
    soapAction="https://services.prosper.com/ProsperAPI/Logout"
    style="document" />
: <wsdl:input>
  <soap12:body use="literal" />
  </wsdl:input>
: <wsdl:output>
  <soap12:body use="literal" />
  </wsdl:output>
  </wsdl:operation>
: <wsdl:operation name="Query">
  <soap12:operation
    soapAction="https://services.prosper.com/ProsperAPI/Query"
    style="document" />
: <wsdl:input>
  <soap12:body use="literal" />
  </wsdl:input>
: <wsdl:output>
  <soap12:body use="literal" />
  </wsdl:output>
  </wsdl:operation>
: <wsdl:operation name="Retrieve">
  <soap12:operation
    soapAction="https://services.prosper.com/ProsperAPI/Retrieve"
    style="document" />
: <wsdl:input>
  <soap12:body use="literal" />
  </wsdl:input>
: <wsdl:output>
  <soap12:body use="literal" />
  </wsdl:output>
  </wsdl:operation>
</wsdl:binding>
= <wsdl:service name="ProsperAPI">
= <wsdl:port name="ProsperAPI Soap" binding="tns:ProsperAPI Soap">
  <soap:address location="https://services.prosper.com/ProsperAPI.asmx" />
  </wsdl:port>
= <wsdl:port name="ProsperAPI Soap12" binding="tns:ProsperAPI Soap12">

```

```
<soap12:address location="https://services.prosper.com/ProsperAPI.asmx" />  
</wsdl:port >  
</wsdl:service >  
</wsdl:definitions >
```