


Lapps 

Code

Settings

Logs

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Live Published On : Not published yet



Test Published On : 03/08/18 03:58 PM

API URL : [Click to view](#)

Created On : 03/08/18 03:53 PM

Created By : Mangesh Staging

Modified By : Mangesh Staging

 push\_lead\_to\_a\_leadsquared\_account\_fc7c1.. 

 Save

Write your code here 

```

22 // ** queryString : contains request query string parameters as a JSON object
23 // ** body: contains request body as a JSON object
24 // ** callback - is a function which you need call to return response to the API caller. If you fail to call this, your
25 function main(queryString, body, callback) {
26
27     //***** Region Starts - set your lead parameters here*****//
28     let leadParams = [];
29
30     //Assuming this Lapp gets called on a lead create event, data will be present in body
31     leadParams.push({'Attribute': 'EmailAddress', 'Value': 'abc'+body.EmailAddress});
32     leadParams.push({'Attribute': 'FirstName', 'Value': 'from lapp'});
33     leadParams.push({'Attribute': 'LastName', 'Value': body.LastName});
34
35     //Add more parameters as per your requirement...
36     //Please note that if this Lapp gets called from a lead update event,
37     //data will be present in body.After and body.Before. Please modify the code based on your Lapp trigger source
38
39     //***** Region Ends *****//
40
41     createLead(leadParams, function(error, data) {
42         if (error) {
43             ls.log.Error('something went wrong : ', error);
44             callback(error, null);
45         } else {
46             ls.log.Info('function succeeded');
47             //return success response to API caller
48             callback(null, data);
49         }
50     });
51 });
52 }
53
54 function createLead(leadParams, callback) {
55
56     let APIBasePath = ls.SETTINGS.LS_API_BASE_URL;
57     let resource = 'LeadManagement.svc/Lead.Create';
58

```

# You Rule With Lapps

## LeadSquared Apps for Better Integration

- Quick Helpers
- [Accessing LeadSquared](#)
  - [Code Snippets](#)
  - [FAQs](#)
- 
- What is Lapp?
- What is a main() function?
- Why do I execute a function in the end?
- How do I read request body in Lapp?
- How can I return a response from this Lapp?
- How do I access Lapp's code?
- How do I write logs in Lapp?
- What is the timeout (in seconds) for this Lapp?

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# What is a Lapp?

- Allows you to write custom business logic
- Minimalistic effort to integrate different systems via REST APIs
- Published as REST API
- Adds infinite power to LS APIs and Automation
- Quick deployment to achieve quick integration
- Leave hosting, security, scalability worries to us



# What are my weapons for coding?

- Inbuilt code editor for few hundred lines of code
- Keyboard shortcuts, auto format, search replace and what not
- Ready to use commonly used code snippets
- Zip based code upload for complex code structure
- Easy to duplicate or move code from one account/Lapp to another

# Integration with LeadSquared Data

## Webhook

- Call Lapp on simple event trigger
- No conditions

## Rule

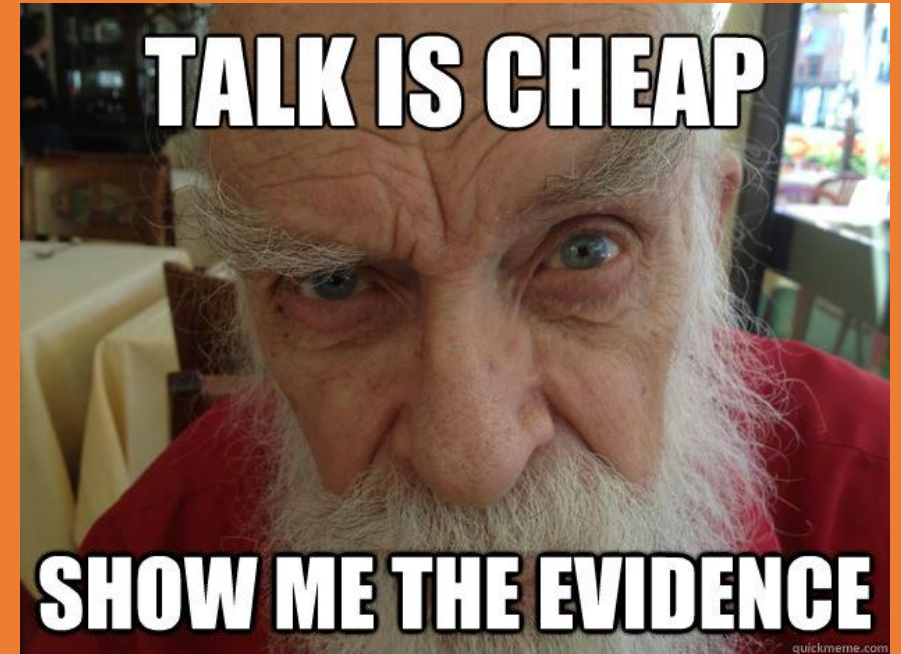
- Call Lapp on [event + condition/s]
- Filter known negative scenarios

## Automation

- Call Lapp as part of the complex workflow
- Optionally use Lapp output to process workflow further

# Hands On

When a Lead arrives, capitalize the first letter of FirstName



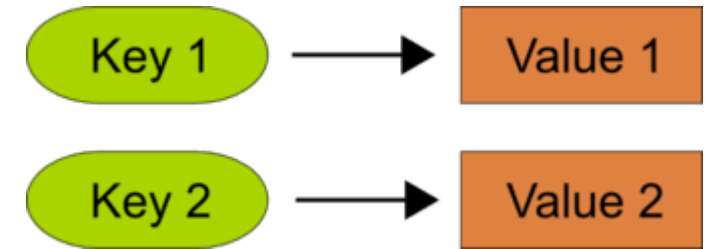
# Inbuilt Lapp Capabilities

```
5
6 function main(queryString, body, callback) {
7   let leadId = body.LeadIds[0];
8   let approvedLoanAmount = 0;
9   let approvedInterestRate = 0;
10  let result = {
11    offer_limit: "",
12    interest_rate: ""
13  };
14  getLeadById(leadId, function(err, lead) {
15    if (err) {
16      callback(err, null);
17    } else {
18
19      let qualityScore = lead.QualityScore01;
20      if (qualityScore === null) {
21        callback('quality score not defined for lead');
22      } else {
23        if (qualityScore >= 0 && qualityScore < 5) {
24          approvedLoanAmount = scoreCard.type1.offe

```

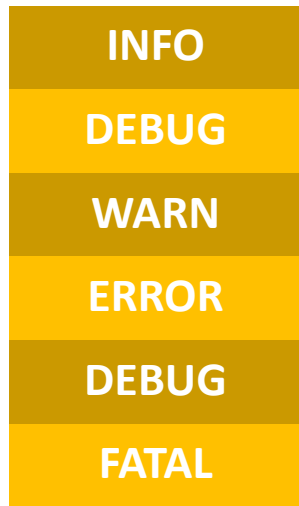


Call REST APIs



Key-Value Pair DB

Code Editor



Logs



Encrypted Settings



HTML Template Engine



PDF Generator

# Generating HTML

Invoice

Order # {{orderid}}

**Billed To:**

{{customerName}}  
{{billingAddress.line1}}  
{{billingAddress.line2}}  
{{billingAddress.line3}}

**Shipped To:**

{{customerName}}  
{{shippingAddress.line1}}  
{{shippingAddress.line2}}  
{{shippingAddress.line3}}

**Payment Method:**

{{paymentMethod.line1}}  
{{paymentMethod.line2}}

**Order Date:**

{{orderDate}}

**Order summary**

{{#items}}{{/items}}

Item	Price	Quantity	Totals
{{name}}	\${{price}}	{{quantity}}	\${{total}}
<b>Subtotal</b>			\${{subtotal}}
<b>Shipping</b>			\${{shipping}}
<b>Total</b>			\${{total}}

Mustache Template



Invoice

Order # 123

**Billed To:**

Mangesh Devikar  
#33, 9th Main, 14th Cross  
Sector 6, HSR Layout  
Bengaluru - 550102

**Shipped To:**

Mangesh Devikar  
C4-XXX  
DLF XXX, AkshayXXXX  
Bengaluru - 550068

**Payment Method:**

Visa ending \*\*\*\* 4242  
mangesh.devikar.ls2@leadsquared.com

**Order Date:**

May 30, 2018

**Order summary**

Item	Price	Quantity	Totals
Alienware	\$999	1	\$999
PS4	\$400	1	\$400
Bose MD5	\$299	2	\$598
<b>Subtotal</b>			\$1997
<b>Shipping</b>			\$15
<b>Total</b>			\$2012

Generated HTML

# Generating HTML contd..

```
//include the additional mustache library
const mustache = require ('mustache');

function main (queryString, body, callback) {
  //your template object
  let options = {name: 'Mangesh'};
  let htmlRawTemplate = '<h1>Hello {{name}}</h1>';

  //convert to proper html
  let html = mustache.to_html(htmlRawTemplate, options);
}
```





# Generating PDF

```
function main(queryString, body, callback) {
  let html = "<h1>Hello</h1>";
  // first param is html as string
  // second param is options as described in https://www.npmjs.com/package/html-pdf
  ls.lib.generatePDF(html, {}, (err, data) => {
    if (err)
      callback(err, data)
    else
      callback(null, data)
  });
}

// default 2nd param values are as follows:
let options = {
  "format": "A4",
  "orientation": "portrait",
  "border": ".50in", // its not border but leaves a margin around 4 sides
  "type": "pdf",
  "renderDelay": 500 // so that scripts can execute
};
```



## Lapps Marketplace ?

Import

← Back

All Lapps

Most Popular

Recently Added

Education

Finance

Contact Centre

Insurance

Banking

Travel

Generic Integration

Show all Lapps

Show only mine

Search



+ Add New Lapp

**Convert order value of Sales Activity from USD to INR**

This Lapp updates the order value of a sales activity from USD to INR in LeadSquared. The implementation assume that that this Lapp will be called on lead's 'Sales Activity Create' event. You may very well change the implementation to some trigger event.

**Push Lead to LeadSquared Account** ✓

This Lapp creates a lead in a LeadSquared account. The implementation assumes that that lead is pushed from one LeadSquared account and is desires to be inserted into another account. You may very well change the implementation to push lead to LeadSquared account from some other external source

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- Ready to use Lapp template repository
- Minimum configuration or use them as base template
- Contribute as developer

# Coming Soon...



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BEST MARKETING SOFTWARE (INDIA)  
**NASSCOM**

TOP 20 MARKETING AUTOMATION SOFTWARE  
 **Capterra**

\*TOP RATED MARKETING SOFTWARE\*  
 **CROWD**

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