**Meridian – Calculator’s Rates Data Structure**

Used by tools made by Bluerush

Last update: 2016-09-27 by Bluerush’s Claudine Cyr

Calculator names:

* Investment Selector
* Payment Calculators (Affordability, Line of Credit, Mortgage Payment)
* Retirement Planning

**Retrieval process:**

In dev environment, Bluerush uses a JSON of the manually extracted and saved rates from Meridian’s current website by using the method Rates.getAll().

In order to replicate current website’s behavior, Bluerush uses a temporary javascript file to simulate Rates.getAll(), which returns the extracted JSON (assets/js/rates.js).

After integration, the assumption is that the new website will still possess Rates.getAll(), and will still respect the following data structure. The integration process should remove Bluerush’s temporary rates.js file in order for the calculators to use the official Rates.getAll() method.

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| --- | --- |
| Requesting the data (sync)  Javascript executes on document ready. | Rates.getAll( ); |
| Expected return type | Array of objects (rows) |
| Return example  Property used by a calculator  Property used for some products only; either has fallback value or type of product is determined if property is inexistent  Case sensitive | [  {  "ID":"1",  "Title":"Personal",  "GroupID":1,  "Group":"Advantage Savings Account",  "Rate":"0.10%",  "RateNumber":0.1,  "RateString":["0.10%"],  "FeaturedRateString":null,  "BestRate":["0.10"],  "SplashFeatured":"0",  "Comparables":["RBC","CIBC","TD","Scotiabank","BMO"],  "VariableRate":false,  "CalculatorProductName":"Advantage Savings Account",  "CTAURL":<http://www.meridiancu.ca/find-us/our-locations/Pages/default.aspx>  },  {  "ID":"200",  "Title":"1 Year Global Diversified",  "GroupID":59,  "Group":"Index-Linked GIC",  "Rate":"0.5%",  "RateNumber":0.5,  "RateString":["0.5%"],  "FeaturedRateString":null,  "BestRate":["0.5"],  "SplashFeatured":"0",  "Comparables":["RBC","CIBC","TD","Scotiabank","BMO"],  "VariableRate":false,  "CalculatorProductName":"1 Year Global",  "MaxRate":"2.5%",  "MinRate":"0.5%"  }  ] |

**Products used:**

|  |  |
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| Investment Selector | 201, 203, 205, 202, 204, 206, 208, 209, 210, 207, 200, 199, 35, 192, 221, 222, 193, 223, 34, 10, 33, 7, 8, 9, 226, 32, 31, 215, 214, 213, 212, 211, 220, 219, 218, 217, 216, 45, 1, 2, 3, 4, 224, 225 |
| Payment Calculators – Affordability | - |
| Payment Calculators – Mortgage Payment | [ unknown products ] |
| Payment Calculators – Line of Credit | - |
| Retirement Planning | - |