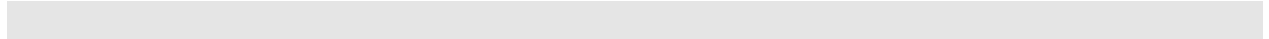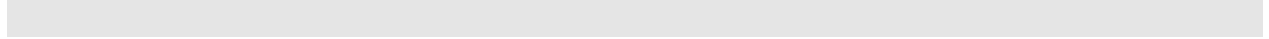# Realcomp II Ltd

Mortgage Calculator Integration

Integration Information Document

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Overview

This document describes the available integration options for the Realcomp Mortgage Calculator.

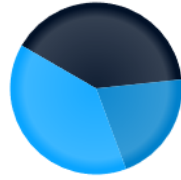## Realcomp Mortgage Calculator Integration Options.

Mortgage Calculator:
The calculator is available via the following url:

http://realcomp.moveinmichigan.com/Mortgage-Calculator

Last saved 6/7/2016

The calculator supports query string parameters that can be passed to auto-populate the calculator.

The list below contains the available query string parameter and applicable values that are supported:

- Calculator Type - &ctp
    - Default: "m"
    - Acceptable Param Values:
        - "m" - Mortgage Calculator
        - "bp" – Balloon Payment
- Calculate Options - &cop
    - Acceptable Param Values:
        - "m" (Monthly Payment - Default when &ctp=m)
        - "t" (Term\Length of Loan)
        - "i" (Interest Rate)
        - "p" (Purchase Price)
        - "b" (Balloon Payment - Default when &ctp =bp)
- Purchase Price - &pp
    - Numeric Values
- Interest Rate - &ir
    - Decimal Values
- Down Payment - &dp
    - Numeric Values
- Length of Loan - &ll
    - Numeric Values
- Monthly Payment - &mp
    - Numeric Values
- Additional Principal - &ap
    - Numeric Values
- Additional Principal Frequency - &apf
    - Default: "monthly"
    - Acceptable Param Values: "m", "monthly", "y", "yearly"
- Taxes - &ta

- o Numeric Values
- Taxes Frequency - &taf
  - o Default: "yearly"
  - o Acceptable Param Values:
    - ▪ "m", "monthly"
    - ▪ "y", "yearly"
- Homestead - &tn   *added 6/7/2016*
  - o Acceptable Param Values:
    - ▪ "1", "Y", "True"
    - ▪ "0", "N", "False"
- HOA - &ho
  - o Numeric Values
- HOA Frequency - &hof   *modified 6/7/2016*
  - o Default: "monthly
  - o Acceptable Param Values:
    - ▪ "m", "mth", "monthly"
    - ▪ "y", "ann", "yearly"
    - ▪ "qtr" (quarterly / four times per year)
    - ▪ "sa" (semi-annual / twice per year)
- Insurance - &in
  - o Numeric Values
- Insurance Frequency - &inf
  - o Default: "monthly"
  - o Acceptable Param Values:
    - ▪ "m", "monthly"
    - ▪ "y", "yearly"
- PMI - &pm
  - o Numeric Values
- PMI Frequency - &pmf
  - o Default: "monthly"
  - o Acceptable Param Values
    - ▪ "m", "monthly"
    - ▪ "y", "yearly"

- Misc Fee 1 - &m1
  - Numeric Values
- Misc Fee 1 Frequency - &m1f
  - Default: "monthly"
  - Acceptable Param Values
    - "m", "monthly"
    - "y", "yearly"
- Misc Fee 2 - &m2
  - Numeric Values
- Misc Fee 2 Frequency - &m2f
  - Default: "monthly"
  - Acceptable Param Values
    - "m", "monthly"
    - "y", "yearly"
- Balloon Payment After - &bp
  - Numeric Values
- MLS Number - &ml   *added 6/7/2016*
  - URL encoded mlsnumber string
- Listing Address - &a   *added 6/7/2016*
  - URL encoded street address string

Note: When using query string parameters, any parameters containing invalid values will be ignored.

Sample links that use various query string parameters:

http://realcomp.moveinmichigan.com/Mortgage-Calculator

http://realcomp.moveinmichigan.com/Mortgage-Calculator/Calc?ctp=lc

http://realcomp.moveinmichigan.com/Mortgage-Calculator/Calc?ctp=lc&cop=m

http://realcomp.moveinmichigan.com/Mortgage-Calculator/Calc?pp=600000&ir=2.5&dp=120000&ll=15
http://realcomp.moveinmichigan.com/Mortgage-Calculator/Calc?ctp=m&cop=m&pp=500000&ir=2.5&dp=100000&ll=30&ap=500&apf=monthly
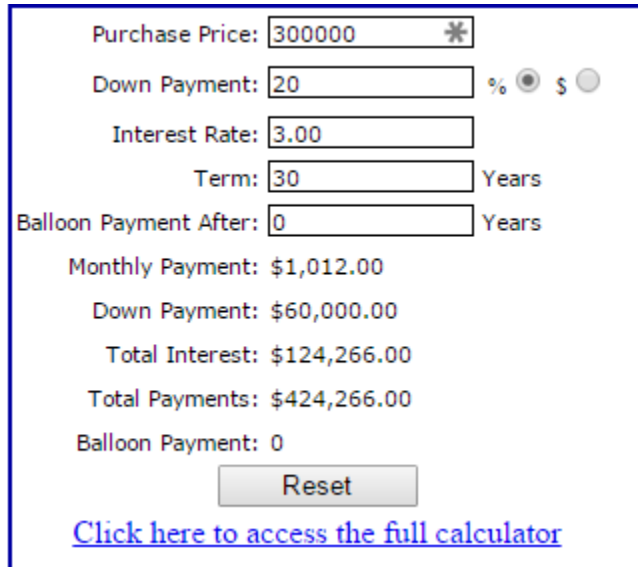
http://realcomp.moveinmichigan.com/Mortgage-Calculator/Calc?ctp=m&cop=m&pp=600000&ir=3.0&dp=120000&ll=30&ta=3600&taf=a

http://realcomp.moveinmichigan.com/Mortgage-Calculator/Calc?ctp=m&cop=m&pp=450000&ir=3.5&dp=90000&ll=30&ta=3600&taf=y&ho=150&hof=m&in=1500&inf=y&m2=175&m2f=m

Mortgage Calculator Widget:
The calculator Widget renders a frame-able calculator object. The widget version of the calculator is more basic than the full version, but does include a link to the full version.

http://realcomp.moveinmichigan.com/externallinks/CalculatorWidget.aspx

The widget based calculator supports a reduced set of query string parameters that can used to auto-populate the calculator. The list below contains the available query string parameter and applicable values that are supported:
- Purchase Price - &pp
    - (Numeric Values)
- Interest Rate - &ir
    - (Decimal Values)
- Down Payment - &dp
    - (Numeric Values)
- Length of Loan - &ll
    - (Numeric Values)
- Balloon Payment After - &bp
    - (Numeric Values)

Sample link for the Widget version of the calculator:
http://realcomp.moveinmichigan.com/externallinks/CalculatorWidget.aspx?pp=600000&ir=2.5&dp=120000&ll=15