



HotScripts  
<http://www.hotscripts.com> COM

## VIFF: Virtual Ideal Functionality Framework Hits: 363

**Description:** Virtual Ideal Functionality Framework is a framework for creating efficient and secure multi-party computations (SMPC). Players, who do not trust each other, participate in a joint computation based on their private inputs. The computation is done using a cryptographic protocol which allows them to obtain a correct answer without revealing their inputs -- even if some players try to cheat by deviating from the protocol.

Operations supported include addition, multiplication, and comparison, all with Shamir secret shared outputs.

### Resource Specifications

<b>Version:</b>	0.6
<b>Platform(s):</b>	linux, windows, freebsd, osx, sun
<b>Date Added:</b>	Nov 2nd, 2007
<b>Last Updated:</b>	May 30th, 2008
<b>Author:</b>	Martin Geisler

**Average Visitor Rating:**  **5.00** (out of 5)

Number of Ratings: 1 Votes

**Average Member Rating:**  **0.00** (out of 5)

Number of Reviews: 0 Reviews

### Other Links by This Member

[VIFF: Virtual Ideal Functionality Framework](#)

