



ZEPHIREX

CORE CONCEPT PRESENTATION



DISCLAIMER:

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OVERVIEW



What is Zephirex Core?

What problem does it solve? Why was it built?



How it works

Mapping out the process of how it works to visualize how it accomplishes its task.



What's next?

Potential use cases for it in stocks, exchanges and many more.

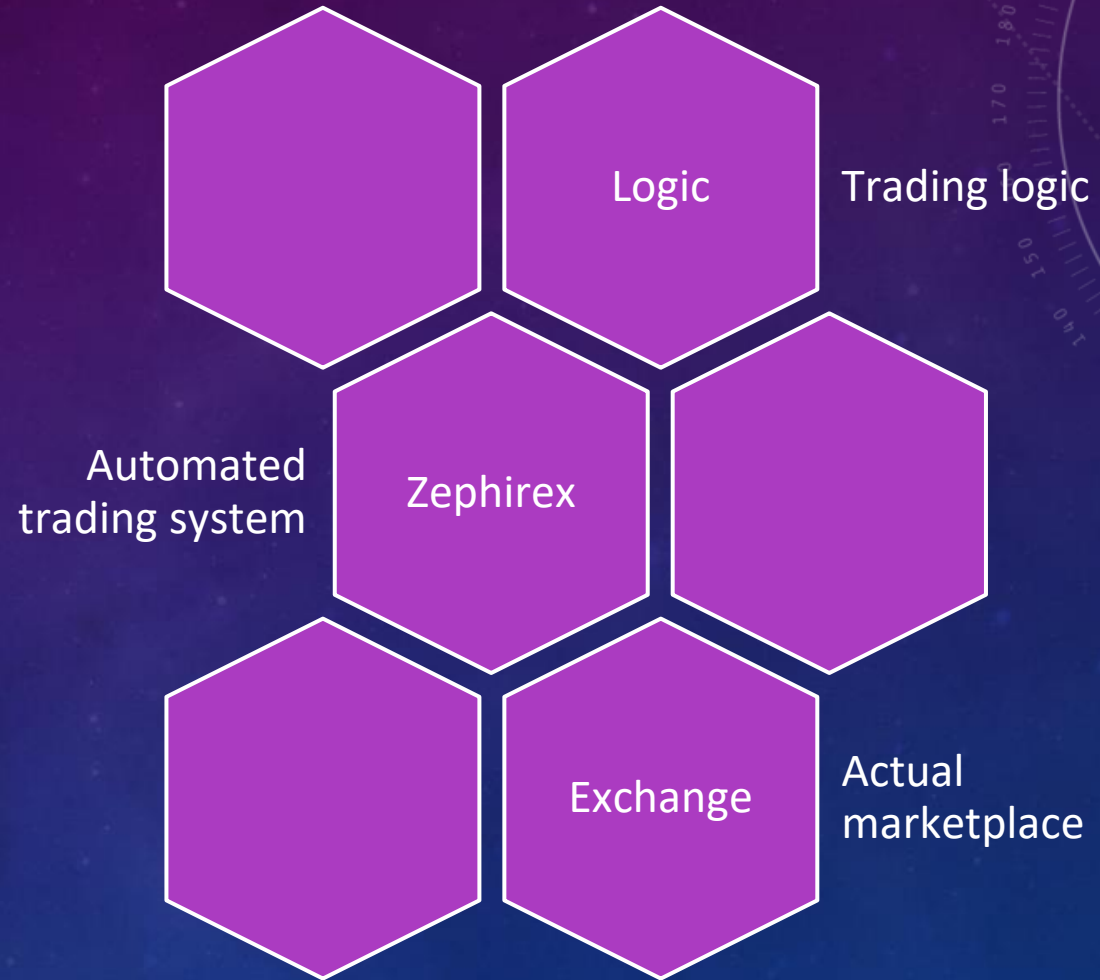
WHAT IS IT?

Automated trading algorithm software.

Saves you time by monitoring multiple markets simultaneously.

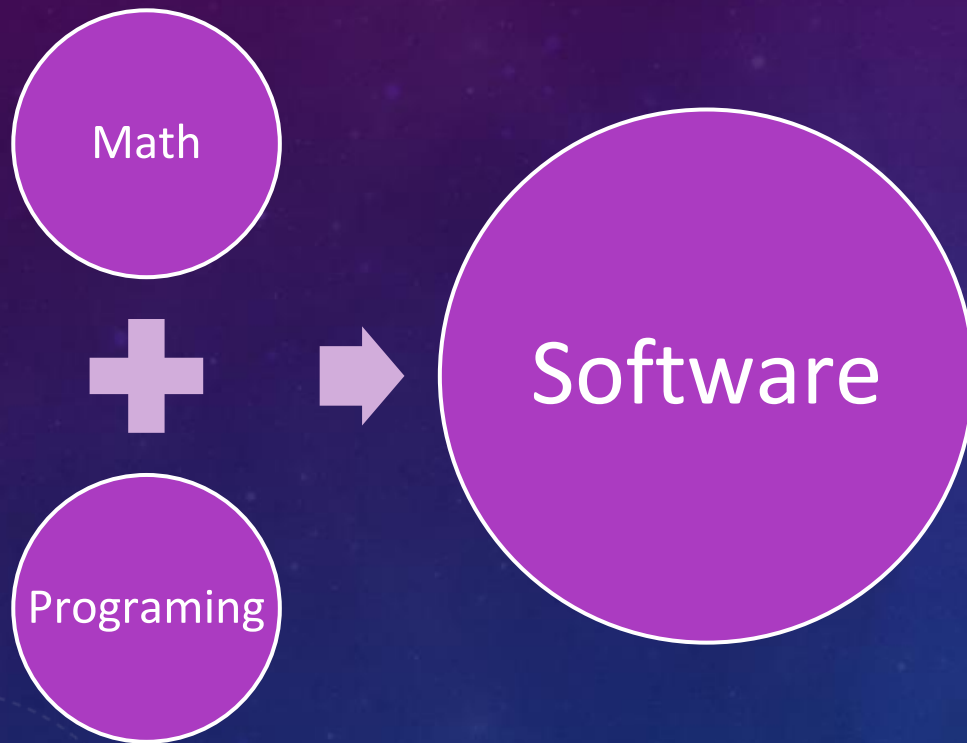
Does the trading for you.

Runs 24/7.

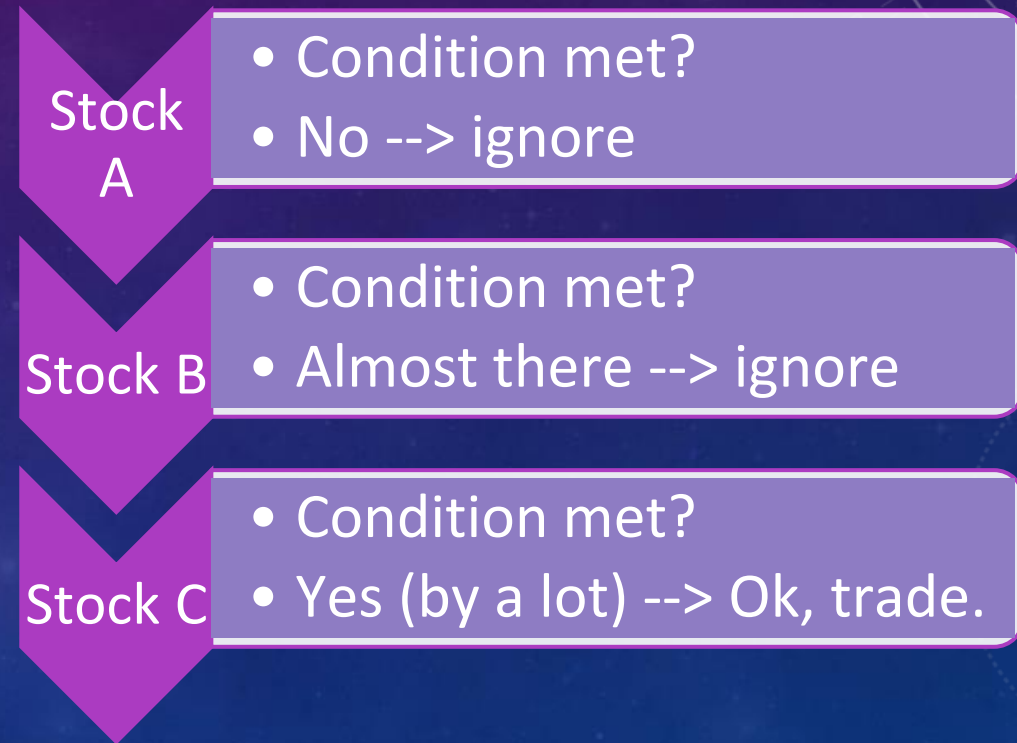


HOW DOES IT WORK?

Two key concepts combined



Trading logic example



MATH, WHAT MATH?



The software takes hidden values involved in trading such as, the trends in volume, recent averages, orderbook, price change, portfolio balance etc.



And applies them to the market by acting on the conditions required to execute each trade recursively.

WHAT ABOUT THE SOFTWARE?

```
public function addXCHPeriod($uid_act,$bonus_type,$bonus)
{
    $podmain = $this->modx->db->query("SELECT * FROM {$this->tablemain} WHERE uid=$uid_act and active=1 and archive=0 order by id desc limit 1");
    $pmain=$this->modx->db->getRow($podmain);

    if ($pmain['id']>0){
        if ($this->getDebug()) print "update {$this->tablemain} set date_finish=$pod_new_end WHERE uid=$uid_act and id={$pmain['id']}";
        date_finish=$pod_new_end;
        bonus_type=$bonus_type;
        $podnewmain = $this->modx->db->query("update {$this->tablemain} set date_finish=$pod_new_end, have_sort=1 WHERE uid=$uid_act and id={$pmain['id']}");
        set date_finish=$pod_new_end;
        if ($podnewmain) { $this->enableAccess($uid_act,$pod_start,$pod_new_end); }
    }
    else {
        if ($this->getDebug()) print "insert into {$this->tablemain} values ($uid_act,$pod_start,$pod_new_end)";
        uid,date_start,date_finish,have_sort) values ($uid_act,$pod_start,$pod_new_end);
        $podmain = $this->modx->db->query("insert into {$this->tablemain} values ($uid_act,$pod_start,$pod_new_end)");
        (uid,date_start,date_finish,have_sort) values ($uid_act,$pod_start,$pod_new_end);
        if ($podmain) { $this->enableAccess($uid_act,$pod_start,$pod_new_end); }
    }
    if ($pmain['id']>0) $pod_start = $pmain['date_start'];
    if ($pmain['id']>0) $pod_new_end = mktime(date("n",$pod_finish),$pod_start,date("n",$pod_finish),$pod_start,$pod_start,$pod_start);
    $pod_new_end = mktime(date("n",$pod_finish),$pod_start,date("n",$pod_finish),$pod_start,$pod_start,$pod_start);
    print $pod_start;
    debug();
    type=$bonus_type;
}
```



Our software connects to the exchange and takes the input and output of all the values given by the exchange 24/7, and executes accordingly.

The program does the action of taking information and bringing it to the logic, where it tells the software whether to buy or sell a given asset.*

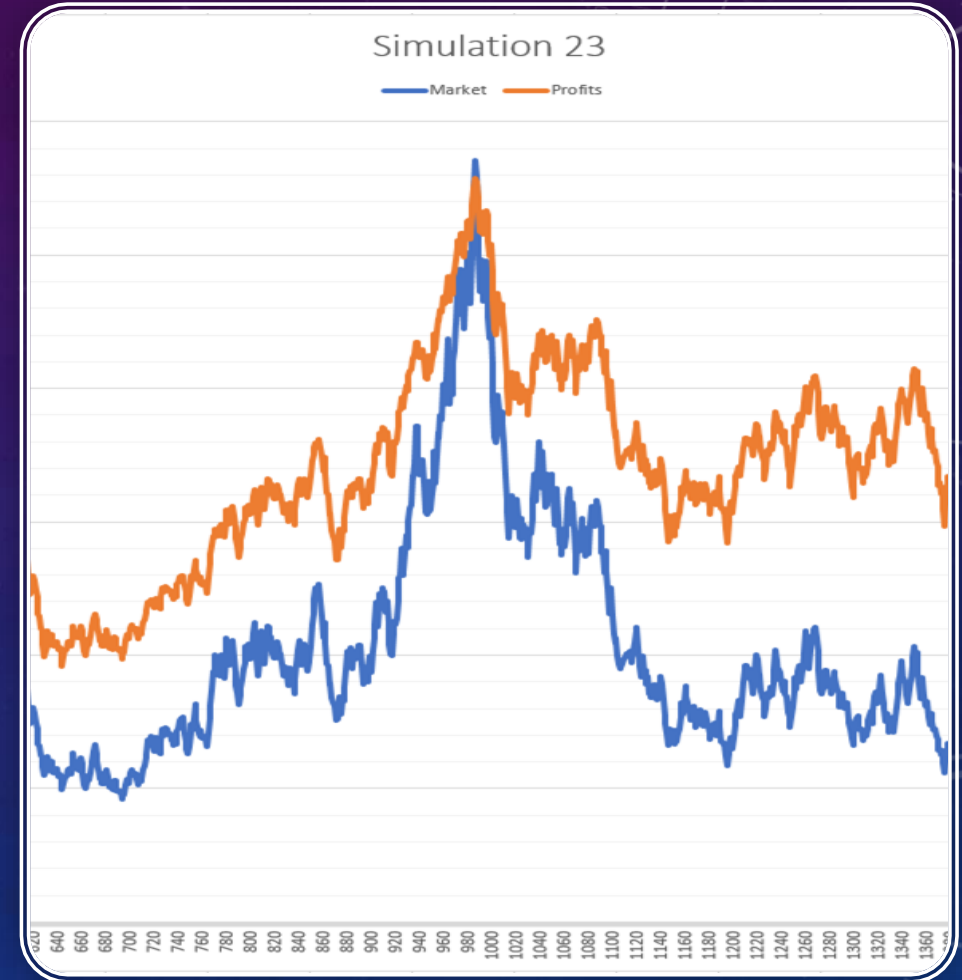
- Note: Currently the software acts on a taker mode, where it takes an existing order when a condition is met.

REPORTING

Having combined the trading logic and programming, we get a measurable change in value, this enables us to modify the logic and programming accordingly to enhance the performance of the system as a whole. This revision allows us to further study which configurations work best and which do not.

In the early stages of our project, various simulations were ran to study its behavior, as shown in the right profits increased overall while market price stayed the same.

Each configuration modifies the risk/reward ratio.



WHAT IS NEXT?

- Get involved by tipping us on Patreon.
- Rent software (coming soon for v1.0 of CORE).
- Help develop the bot into becoming even better.
- Help spread the word about our software by sharing this presentation.



“

I have not failed, I've just found 10,000 ways that won't work.

”

- Thomas Edison.

Thank you

