



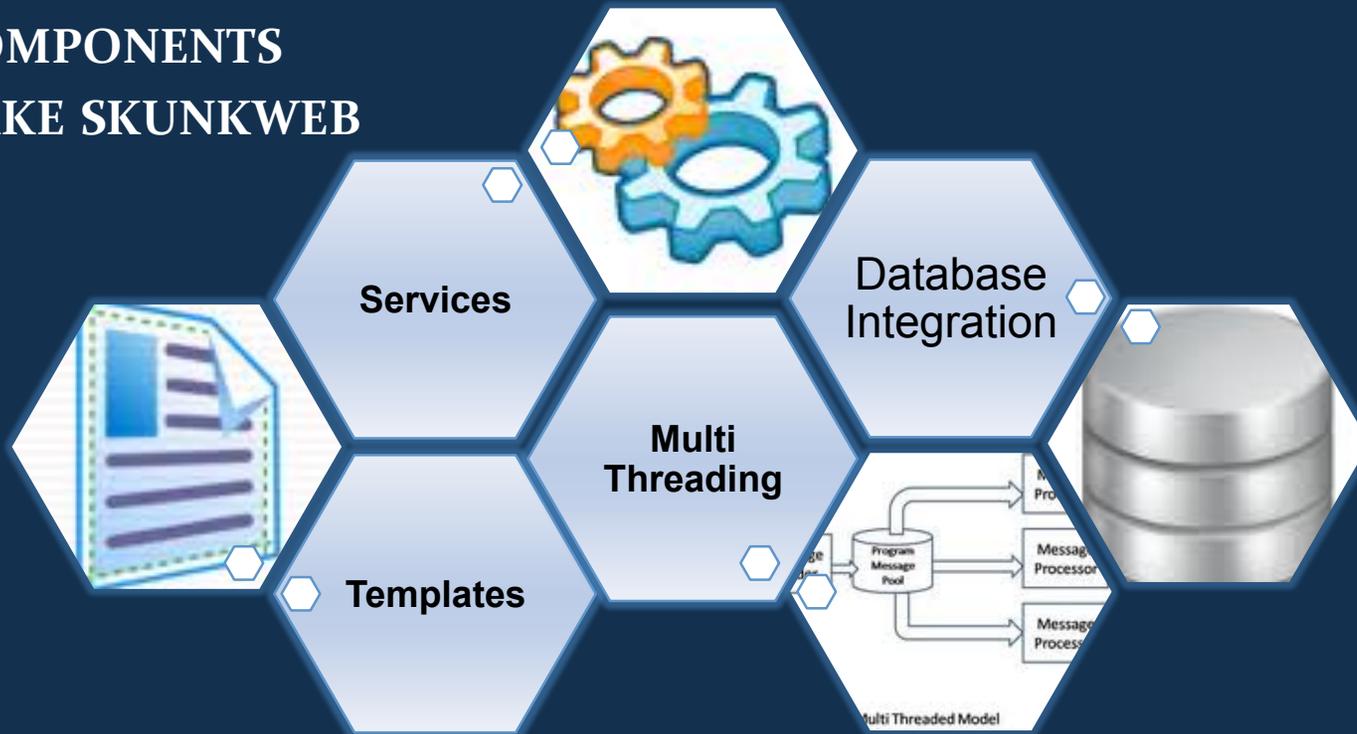
## SKUNKWEB 3.4B

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## WHAT IS SKUNKWEB?

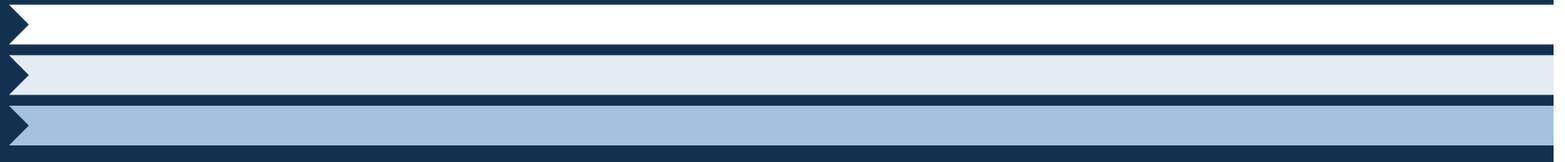
Skunkweb is an extensible, robust application server written in one of the most popular and easy to learn third level language call Python. When it was written, the main objective was to provide a seamless framework that has a strong templating, service, database integration and take advance of the python low level multithreading capabilities. It here to say just like Ruby-On-Rails or Django.

# CORE COMPONENTS THAT MAKE SKUNKWEB



# THE SERVICE MODULE

- **Provider**
    - Provides direct functionality, but few, if any API functions.
  - **Linkage**
    - Mainly links in some external (from pylibs) code, and may provide functionality of it's own.
  - **API**
    - Provides little, if any functionality on it's own, but provides API functions to do various things.
- Foundation** Services that form the foundation that services of other types are built upon.



# THE TEMPLATING MODULE

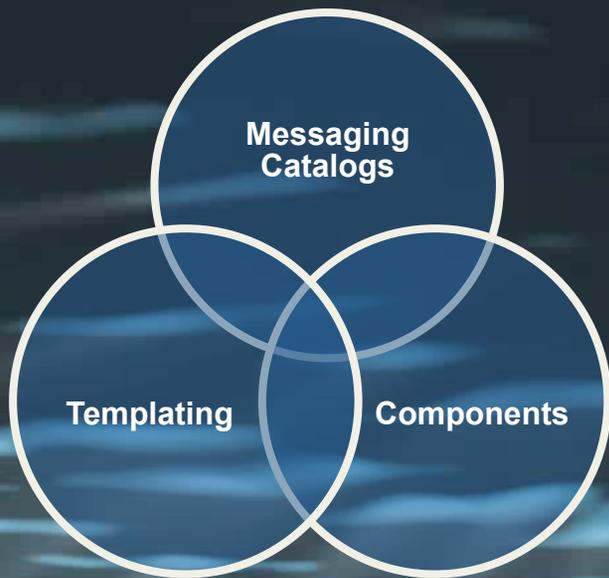
- **STML**  
SkunkWeb Template Markup Language
- **PSP**  
Python Server Pages
- **Cheetah**  
The Cheetah templating system

# THE DATABASE INTEGRATION MODULE

- MySQL
- PostgreSQL
- Oracle
- MSSQL

# THE MULTI THREADING

- Threading is a technique for decoupling tasks which are not sequentially dependent.
- Threads can be used to improve the responsiveness of applications that accept user input while other tasks run in the background.
- A related use case is running I/O in parallel with computations in another thread.



## KEY ADVANTAGES OF SKUNKWEB

- Uses a forking process model
- Utilize all available processors to scales
- have a built in output cache mechanism
- Web Components encourages the componentization of your web pages
- Use it's own daemon to talk to Apache
- Extensible with C/C++

SKUNKWEB, INVENTED BY DREW CSILLAG AND JACOB SMULLYAN



Great tool for quick and powerful web development project.