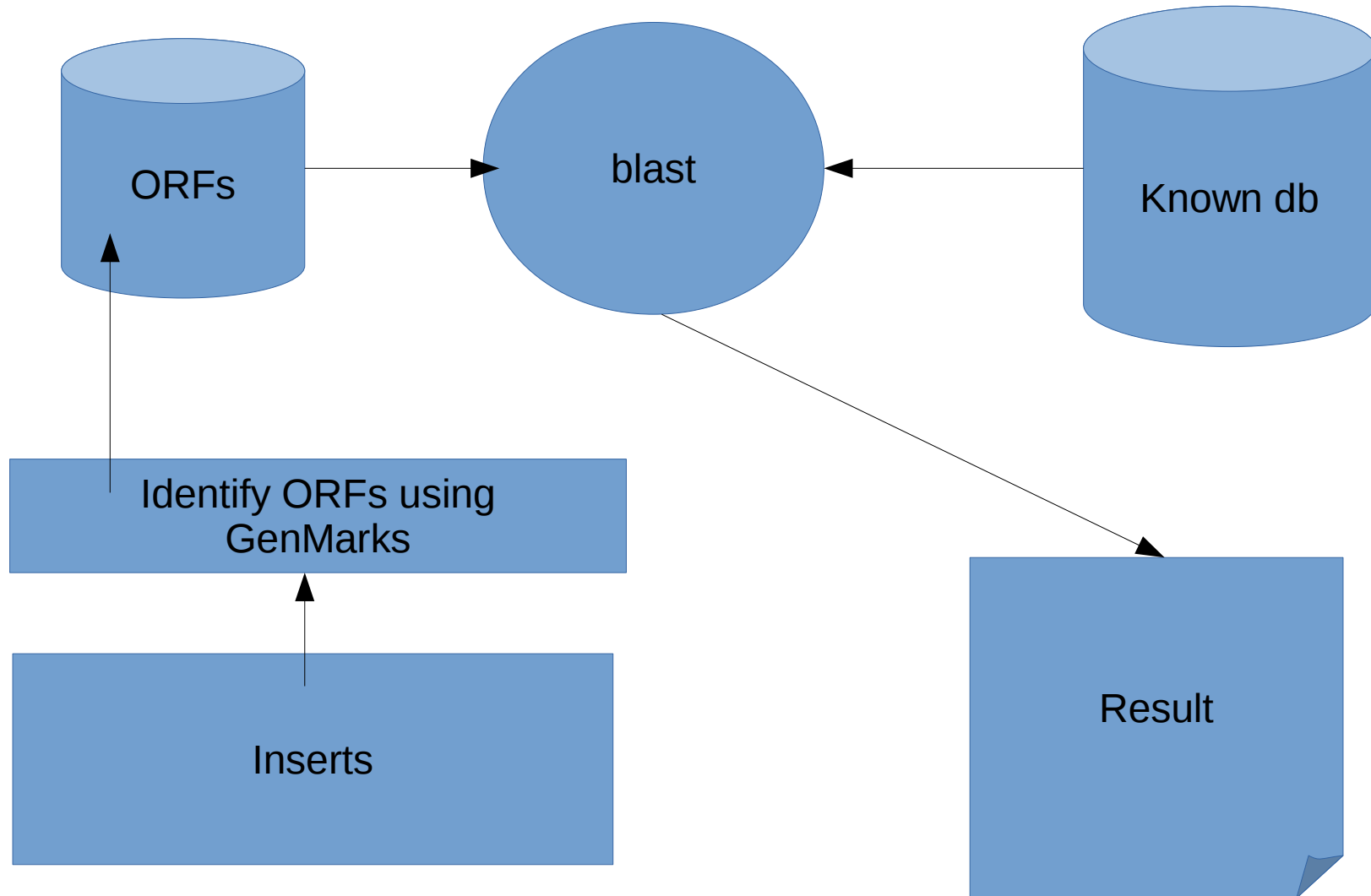


## Task 3: Blast – Download, Installation and Testing

# Task 3: Purpose



# Task 3: Download,

```
cd ~/Programs
```

```
## if wget is not available, get it using the command below ## sudo yum install wget
```

```
## download latest version of blast
```

```
wget ftp://ftp.ncbi.nlm.nih.gov/blast/executables/blast+/LATEST/ncbi-blast-2.6.0+-x64-linux.tar.gz
```

```
## download md5 signature to confirm that you download the blast completely and nothing is missing
```

```
wget ftp://ftp.ncbi.nlm.nih.gov/blast/executables/blast+/LATEST/ncbi-blast-2.6.0+-x64-linux.tar.gz.md5
```

```
## check the signature if it is work
```

```
md5sum --check ncbi-blast-2.6.0+-x64-linux.tar.gz.md5
```

```
## you should see "ncbi-blast-2.6.0+-linux.tar.gz: OK"
```

# Task 3: Extract and check blast

## extract data

```
tar -xvf ncbi-blast-2.6.0+-x64-linux.tar.gz
```

## check if blast work

```
~/Programs/ncbi-blast-2.6.0+/bin/blastn -h
```