TEXT-TO-SPEECH TOOL:

In [1]:
```python
import pyttsx3

print("Text to Speech Tool (Yachna's Version)")
print("type exit to close")

try:
    engine = pyttsx3.init()
except:
    print("engine not working")
    exit()

engine.setProperty("rate", 165)
engine.setProperty("volume", 1.0)

# to check available voices once
v = engine.getProperty("voices")
print("voices:")
for i in range(len(v)):
    print(i, "-", v[i].name)

try:
    engine.setProperty("voice", v[0].id)
except:
    pass

print("You can type normal text and it will speak.")
print("If you want to save audio:  save filename.wav text here\n")

while True:
    data = input(">> ")

    if data.strip() == "":
        continue

    if data.lower() == "exit":
        print("closing program..")
        break

    # saving audio option
    if data.startswith("save "):
        parts = data.split(" ", 2)
        if len(parts) < 3:
            print("use like: save abc.wav your text here")
            continue

        file = parts[1]
        msg = parts[2]

        if not file.endswith(".wav"):
            file = file + ".wav"

        try:
            print("saving file...", file)
            engine.save_to_file(msg, file)
            engine.runAndWait()
            print("saved.")
```

```python
        except Exception as e:
            print("error while saving:", e)

            continue

    try:
        engine.say(data)
        engine.runAndWait()
    except Exception as e:
        print("some error happened:", e)
```

```
Text to Speech Tool (Yachna's Version)
type exit to close
voices:
0 - Microsoft David Desktop - English (United States)
1 - Microsoft Zira Desktop - English (United States)
You can type normal text and it will speak.
If you want to save audio:  save filename.wav text here

closing program..
```

In [ ]: