

Calling IBM i Commands

Profound.js provides built-in capabilities to call any IBM i command through the use of the `pjs.runCommand()` API.

The command can be a batch process or an interactive command with a user interface. The output from green-screen commands is automatically transformed into HTML5. This capability is provided by [Genie](#).

For example, the following line of code within your Node.js module will display the system's Work with Spooled Files interface.

```
pjs.runCommand("WRKSPLF");
```

Work with All Spooled Files

Type options, press Enter.

1=Send 2=Change 3=Hold 4=Delete 5=Display 6=Release 7=Messages
8=Attributes 9=Work with printing status

Opt	File	User	Device or Queue	User Data	Sts	Total Pages	Cur Page	Copy
▼	QPJOBLOG	ALEXR	PRT01	QPADEV000L	RDY	5		1
▼	QPJOBLOG	ALEXR	PRT01	QPADEV0006	RDY	4		1
▼	QSYSVRT	ALEXR	PRT01		RDY	1		1
▼	QSYSVRT	ALEXR	PRT01		RDY	1		1
▼	QSYSVRT	ALEXR	PRT01		RDY	1		1
▼	QSYSVRT	ALEXR	PRT01		RDY	1		1
▼	QSYSVRT	ALEXR	PRT01		RDY	1		1

- > Continue
- > Exit
- > View 4
- > View 2
- > Cancel
- > Printers
- > More keys

The call to a command will maintain the standard IBM i call stack. Profound.js will wait for the command to complete without blocking the Node.js event loop. This capability is provided through [Fibers](#).