

# MichaelAM: oslevel tricks & hints

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## Old School

I learned my "check what is missing" trick(s) years ago - so call me old school that until very recently (read this morning) I was still using the commands:

```
# instfix -i | grep AIX
```

```
# instfix -ciqk 6100-07_AIX_ML | grep :-:
```

to locate missing filesets. But now I am ...

## New School

For years ,  
AIX has updated options in the command oslevel to tell you what levels,  
including service packs (and maybe more) is already installed.

## Comments

## Command

The command I am sure you already know!

List the latest "installed" (service-pack) level, i.e. all requirements are met.

```
oslevel -s
```

List all known (last 10 in this case) installed service packs

```
oslevel -q -s
```

Assuming you see the expected service pack level in the output of the second command, but not in the first then this command will show which filesets are missing, i.e. before "oslevel -s" will give the expected output.

```
oslevel -l "expectedLevel" -s
```

## Example

```
# oslevel -s
```

```
6100-07-00-0000
```

```
# oslevel -q -s | head -5
```

```
Known Service Packs
```

```
-----
```

```
6100-07-03-1207
```

```
6100-07-02-1150
```

```
6100-07-01-1141
```

```
6100-07-00-0000
```

```
6100-06-06-1140
```

```
# oslevel -l 6100-07-03-1207 -s | head -5
```

Fileset	Actual Level	Service Pack Level
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X11.base.lib	6.1.7.0	6.1.7.1
X11.base.rte	6.1.7.0	6.1.7.1
X11.compat.lib.X11R6	6.1.6.0	6.1.7.1
X11.compat.lib.X11R6_motif	6.1.6.15	6.1.7.1
X11.motif.lib	6.1.6.15	6.1.7.1