

# Idle job service

The [com.nomagic.magicdraw.job.IdleJobService](#) allows to add [com.nomagic.magicdraw.job.Job\(s\)](#) which can be executed when a program is idle. The program decides when it is the most appropriate to execute the [Job](#) without getting the program into an inconsistent state. The example of usage:

```
Job job = new Job()
{
    public boolean needsExecute()
    {
        return true;
    }

    public void execute(ProgressStatus progressStatus) throws Exception
    {
        // Do necessary work in the session.
    }

    public void finished()
    {
        // Cleanup after job is finished.
    }

    public String getName()
    {
        return "My Job";
    }
};

IdleJobService.getInstance().addJob(job);

// Remove the job when it is no longer necessary.
IdleJobService.getInstance().removeJob(job);
```

For more information please refer to `<installation_directory>\openapi\examples\JobExample`.

## Related pages

- [Multi-threading](#)