



# **Packaging Example**

## **All Hands Meeting, Padova, 2011-10-17**

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Uppsala University

Name: voms-admin-client  
Version:  
Release: 1%{?dist}  
Summary:

License:  
URL:  
Source0:

BuildRequires:  
Requires:

%description

```
Name:          voms-admin-client
Version:       2.0.16
Release:       1%{?dist}
Summary:       VOMS administration client

Group:         Applications/Internet
License:       ASL 2.0
URL:           http://glite.cern.ch/
Source0:       http://emisoft.web.cern.ch/emisoft/dist/EMI/1/sl5/SR
PMS/tgz/%{name}-%{version}-1.src.tar.gz

Requires:     python-ZSI
Requires:     PyXML

BuildArch:    noarch
BuildRoot:    %{_tmppath}/%{name}-%{version}-%{release}-root-%(%{_
_id_u} -n)

%description
Administration client tools for the Virtual Organization Membership
Service (VOMS)
```

EPEL

See the Fedora license list for valid license identifiers

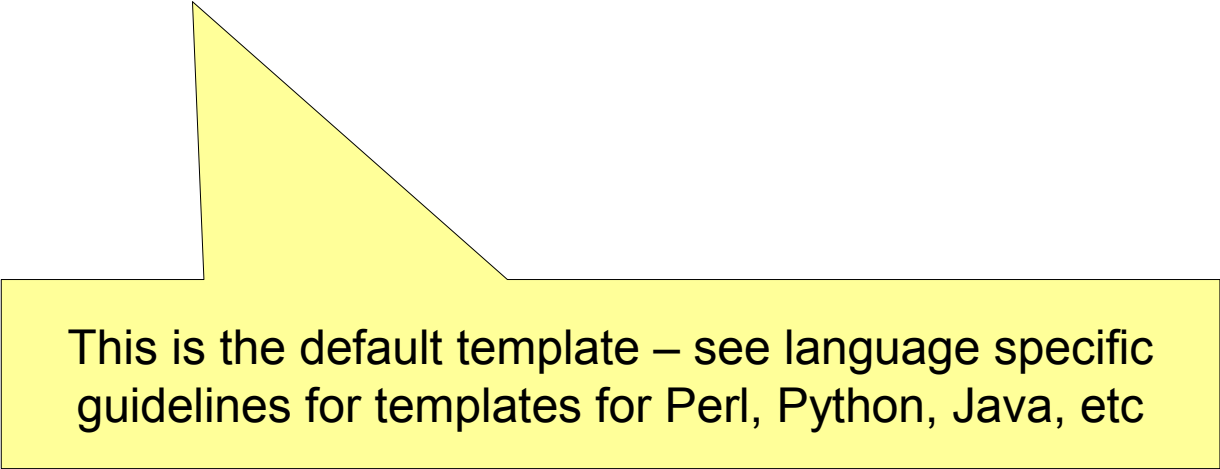
If you can not give a full URL to the source you must document how to reproduce it

EPEL

```
%prep
%setup -q
```

```
%build
%configure
make %{?_smp_mflags}
```

```
%install
make install DESTDIR=$RPM_BUILD_ROOT
```



This is the default template – see language specific guidelines for templates for Perl, Python, Java, etc

```
%prep
%setup -q
```

```
%build
# Nothing to build
```

```
%install
```

```
rm -rf $RPM_BUILD_ROOT
mkdir -p $RPM_BUILD_ROOT%{_bindir}
install -p src/voms-admin.py $RPM_BUILD_ROOT%{_bindir}/voms-admin
mkdir -p $RPM_BUILD_ROOT%{_datadir}/voms-admin/client/VOMSAdmin
install -p -m 644 src/VOMSAdmin/*.py \
    $RPM_BUILD_ROOT%{_datadir}/voms-admin/client/VOMSAdmin
sed 's/\${pom.version}/%version/' \
    -i $RPM_BUILD_ROOT%{_datadir}/voms-admin/client/VOMSAdmin/VOMSCom
mands.py
```



EPEL

```
%clean
```

```
rm -rf $RPM_BUILD_ROOT
```



EPEL


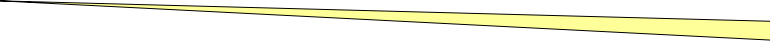
`%files`

`%doc`

`%changelog`

## %files

```
%defattr(-,root,root)
%{_bindir}/voms-admin
%{_datadir}/voms-admin
%doc doc/Authors.txt doc/license.txt doc/ReleaseNotes.txt
```



## %changelog

```
* Mon Oct 17 2011 Mattias Ellert <mattias.ellert@fysast.uu.se> -
2.0.16-1
- Initial packaging for Fedora
```

## Running rpmlint

```
$ rpmlint /home/ellert/rpmbuild/SRPMS/voms-admin-client-2.0.16-1.fc15.src.rpm /home/ellert/rpmbuild/RPMS/noarch/voms-admin-client-2.0.16-1.fc15.noarch.rpm
voms-admin-client.noarch: E: non-executable-script /usr/share/voms-admin/client/VOMSAdmin/VOMSCommands.py 0644L /usr/bin/python
voms-admin-client.noarch: W: no-manual-page-for-binary voms-admin
2 packages and 0 specfiles checked; 1 errors, 1 warnings.
```



```
$ cat voms-admin-client-no-shebang.patch
diff -ur voms-admin-client-2.0.16.orig/src/VOMSAdmin/VOMSCommands.p
y voms-admin-client-2.0.16/src/VOMSAdmin/VOMSCommands.py
--- voms-admin-client-2.0.16.orig/src/VOMSAdmin/VOMSCommands.py
2010-10-08 20:25:15.000000000 +0200
+++ voms-admin-client-2.0.16/src/VOMSAdmin/VOMSCommands.py 2011-10
-17 08:45:27.715601549 +0200
@@ -1,4 +1,3 @@
-#!/usr/bin/python
#
# Copyright (c) Members of the EGEE Collaboration. 2006-2009.
# See http://www.eu-egee.org/partners/ for details on the copyrigh
t holders.
```

Name: voms-admin-client  
Version: 2.0.16  
Release: 1%{?dist}  
Summary: VOMS administration client

Group: Applications/Internet  
License: ASL 2.0  
URL: http://glite.cern.ch/  
Source0: http://emisoft.web.cern.ch/emisoft/dist/EMI/1/sl5/SR  
PMS/tgz/%{name}-%{version}-1.src.tar.gz  
Patch0: %{name}-no-shebang.patch

Requires: python-ZSI  
Requires: PyXML

BuildArch: noarch  
BuildRoot: %[\_tmppath]/%{name}-%{version}-%{release}-root-%(%{\_  
\_id\_u} -n)

%description  
Administration client tools for the Virtual Organization Membership  
Service (VOMS)

```
%prep
```

```
%setup -q
```

```
%patch0 -p1
```

```
%build
```

```
# Nothing to build
```

```
%install
```

```
rm -rf $RPM_BUILD_ROOT
```

```
mkdir -p $RPM_BUILD_ROOT%{_bindir}
```

```
install -p src/voms-admin.py $RPM_BUILD_ROOT%{_bindir}/voms-admin
```

```
mkdir -p $RPM_BUILD_ROOT%{_datadir}/voms-admin/client/VOMSAdmin
```

```
install -p -m 644 src/VOMSAdmin/*.py \
```

```
    $RPM_BUILD_ROOT%{_datadir}/voms-admin/client/VOMSAdmin
```

```
sed 's/\\${pom.version}/%version/' \
```

```
    -i $RPM_BUILD_ROOT%{_datadir}/voms-admin/client/VOMSAdmin/VOMSCom  
mands.py
```

```
%clean
```

```
rm -rf $RPM_BUILD_ROOT
```

## Running rpmlint again

```
$ rpmlint /home/ellert/rpmbuild/SRPMS/voms-admin-client-2.0.16-1.fc15.src.rpm /home/ellert/rpmbuild/RPMS/noarch/voms-admin-client-2.0.16-1.fc15.noarch.rpm
voms-admin-client.noarch: W: no-manual-page-for-binary voms-admin
2 packages and 0 specfiles checked; 0 errors, 1 warnings.
```



# Thank you!

EMI is partially funded by the European Commission under Grant Agreement RI-261611