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Setup:Installation Guide/System Preparation/Linux /Elasticsearch

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Elasticsearch is a prerequisite for the operation of Advanced Search. The steps listed here are optional and only required if you plan to use them in your BlueSpice installation.

Adding the package sources

Elasticsearch is not included in the package manager on Debian. However, the manufacturer provides a repository for the software. Add it with the following commands to your Debian installation. Prerequisite is that you have installed the program "gnupg" (`apt install gnupg`).

```
wget -qO - https://artifacts.elastic.co/GPG-KEY-elasticsearch | apt-key add -; \  
echo "deb https://artifacts.elastic.co/packages/6.x/apt stable main" > /etc/apt  
/sources.list.d/elastic-6.x.list
```

Installing Elasticsearch

The subsequent installation of Elasticsearch will guide you through these commands.

```
apt update; \  
apt install elasticsearch; \  
apt clean
```

Installing ingest-attachment

For the advanced search in BlueSpice you need the plugin "ingest-attachment" for Elasticsearch. This Install it with the following command:

```
/usr/share/elasticsearch/bin/elasticsearch-plugin install -b ingest-attachment
```

Start Elasticsearch and add it to startup

Add the Elasticsearch to startup and then start the service:

```
systemctl enable elasticsearch; \  
service elasticsearch start
```

Next step

If you have completed all steps successfully, you can proceed to the next step "[Node.js](#)".

Node.js on Linux

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Node.js is required for the operation of the rendering service "Parsoid" for the Visual Editor. The steps are optional and only required if you plan to use them in your BlueSpice installation.

Installation

Install Node.js via Aptitude:

```
apt update; \  
apt install nodejs npm; \  
apt clean
```

Next step

If you have completed all steps successfully, you can proceed to the next step " [Parsoid](#)".