

# Task ID: Middleware-Search

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A stock monitoring dashboard software needs to be developed. The dashboard will be available on the internet, and could be accessed by users through mobile devices. An important aspect of the dashboard is the *real-time* change of stock values. Stock information is gathered from various sources and then transformed to be presented on the dashboard. The architect is searching for information about suitable middleware technologies, which could gather and transform the stock information.

## Non-functional requirements

- *Performance*: The stock information needs to be updated in real time.
- *Scalability*: The system needs to scale to more than 100,000 users.
- *Security*: The stock information need to be securely transferred from their sources to the dashboard.

## Constraints

Technologies need to be based on standard implementations with defined and published specifications.

## Search goal

The architect would like to search for suitable *middleware technologies* which would fulfil the aforementioned requirements and constraints.

Search and determine the relevance and the types of architectural knowledge of the resulted web pages from Google, which could support the architect fulfilling his request.