

# SWIM Service Description Handbook v1.0

Handbook supporting the [EUROCONTROL Specification for SWIM Service Description](#) (Edition 1.0, Edition date: 01/12/2017, Reference nr: EUROCONTROL-SPEC-168)

## Role of the handbook

The [Specification for SWIM Service Description](#) sets out a number of requirements to be met by a service description. It provides some basic examples to illustrate the requirements. However, the specification does not give much detail on how to satisfy the requirements.

This handbook gives guidances to help service description authors to satisfy the requirements.

The guidance contained in the handbook promotes the creation of better service descriptions. It will lead to greater harmonisation in the implementation of the specification.

## Target audience

- Service description authors

## Structure of the handbook

Section [Introducing the specification](#) introduces the purpose and context for the specification and the role of service description.

Section [Guidance on individual requirements](#) provides support with guidance organised per requirement contained in the specification.

Section [Guidance for JSON service descriptions v0.0.3d](#) provides support for producing JSON service descriptions.

Section [Resources for service descriptions](#) provides resources such as template, schema and conformance matrix.

Section [FAQ - Service descriptions](#) lists received questions and tentative answers, often providing an alternative access to the supporting material.

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### SWIM Supporting Material

This site contains draft content for the **next version** of the supporting material for the EUROCONTROL SWIM specifications. The content is mature but is still subject to review, comment and change by the [SWIM Community of Interest](#).

It is an evolution of the agreed and published content found on the [SWIM Reference](#) website.

If you are looking for the "official" versions of the supporting material, please go to the [SWIM Reference](#) website.

### Quick Links

[Specification for SWIM Service Description](#)

[Example of service description](#)

[Guidance for JSON service descriptions v0.0.3d](#)



The SWIM Service Description Handbook is advisory in nature. It is created and maintained by a community of interest and evolves over times as the community identifies new examples and good practices. To become a member of the community, please send an email to [swim@eurocontrol.int](mailto:swim@eurocontrol.int).



The handbook includes the requirements found in the Specification for SWIM Service Description. However, it does not replace the specification. Users of the handbook are advised to download the specification using the quick links above.

- [SWIM-SERV-023 AIRM conformance](#)
- [SWIM-SERV-024 Filter capabilities](#)
- [SWIM-SERV-025 Service behaviour](#)
- [SWIM-SERV-026 Model view](#)
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