

Documentation, Standard, Certification

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Documentation Ver 1.8 is ready

- Find the revised documentation for release 1.8 at <http://developer.digitalstrom.org/Architecture/>
- new documents are:
 - ds-shade
 - ds-shade state machine
- updated documents:
 - ds-basics
 - ds-system-interfaces
 - ds-scripting

Standardization

Standardization: Why?

makes sure the devices connected work as a system and

- provide a consistent user experience
- behave as expected even if they are from different manufacturers
- are operated correctly
 - e.g. use room related commands to operate devices, to avoid ,empty' clicks.
 - do NOT set output values on single devices except for configuration

make sure your work is not obsolete because of ever changing interfaces

Standardization: how ?

- Devices must implement the command set used in the digitalSTROM system
- We provide rules to ensure consistent behavior
 - Rule 3: If a digitalSTROM Device is in local priority state, a scene call is ignored.
- We provide rules to ensure correct command set usage
 - Rule10 The action command "SetOutputValue" must not be used for other than device configuration purposes.

Standardization: when ?

Soon !!

Standardization Process: Overview

| Phase | Activity | Responsibility | Input | Output |
|--------------------|---|-----------------------------------|--|--------------------------|
| enhancement | work out proposal | author | | proposal |
| consensus-building | finalize proposal: -consensus-building -agree on transitional provisions -editing -versioning | workgroup: -authors -editor | - proposal(s) - current versioning - current transitional provisions | draft version |
| approval | review and approval | aizo ag | draft version | rejection with reasoning |
| | | | | approved draft |
| activation | review and activation | alliance board | approved draft | rejection with reasoning |
| | | | | activated version |

Standardization Process: Functions

- Authors are employed or mandated by members of the digitalSTROM alliance. they produce proposals and draft versions of the digitalSTROM standard. Authors organize in workgroups focused on specific topics.
- The Editor is provided by the digitalSTROM alliance and supports workgroups to produce draft documents with correct versioning and transitional arrangements.
- Decision Makers are:
 - aizo ag:
approves or rejects draft versions
 - standard committee of the digitalSTROM Alliance:
approves or rejects approved versions

Standardization Process: Bodies

- Workgroups comprise of authors and an editor
- aizo ag: approves or rejects draft versions
- standard committee of the digitalSTROM Alliance approves or rejects approved versions

Certification

Certification: Why?

- Certified products and services seamlessly integrate with the digitalSTROM system.
- Certified Products get the dS ready logo
- Highlight digitalSTROM Products that fully comply with the digitalSTROM standard.
- Provide end users a means of decision between certified and non certified products



Certification: how ?

- A certification process is provided by the digitalSTROM Alliance and is open for alliance members only.
- The process is based on the certification rules defined in the standard.
- Certification will be possible as soon as the first version of the standard is published



