2019-05-08

JONAS WESTMAN

FORMAL REVIEWS IN POLARION

SCANIA

Review and approval types
According to ISO 26262

| Review type	Description
Local (informal) reviews	According to local routines in the line organisation
Verification review	Someone that is not the author reviews the item/document and approves or disapproves
Confirmation review	An independent (from other organization) reviewer approves or disapproves (a review of the review)

Scania basic workflow

For most workitems

- Draft – Work in progress
- Frozen – Frozen item, typically for review
- Approved – Approval based on the Scania review process

Custom fields

-IRMA Revision, stepped when Approved

-IRMA Version, stepped when frozen

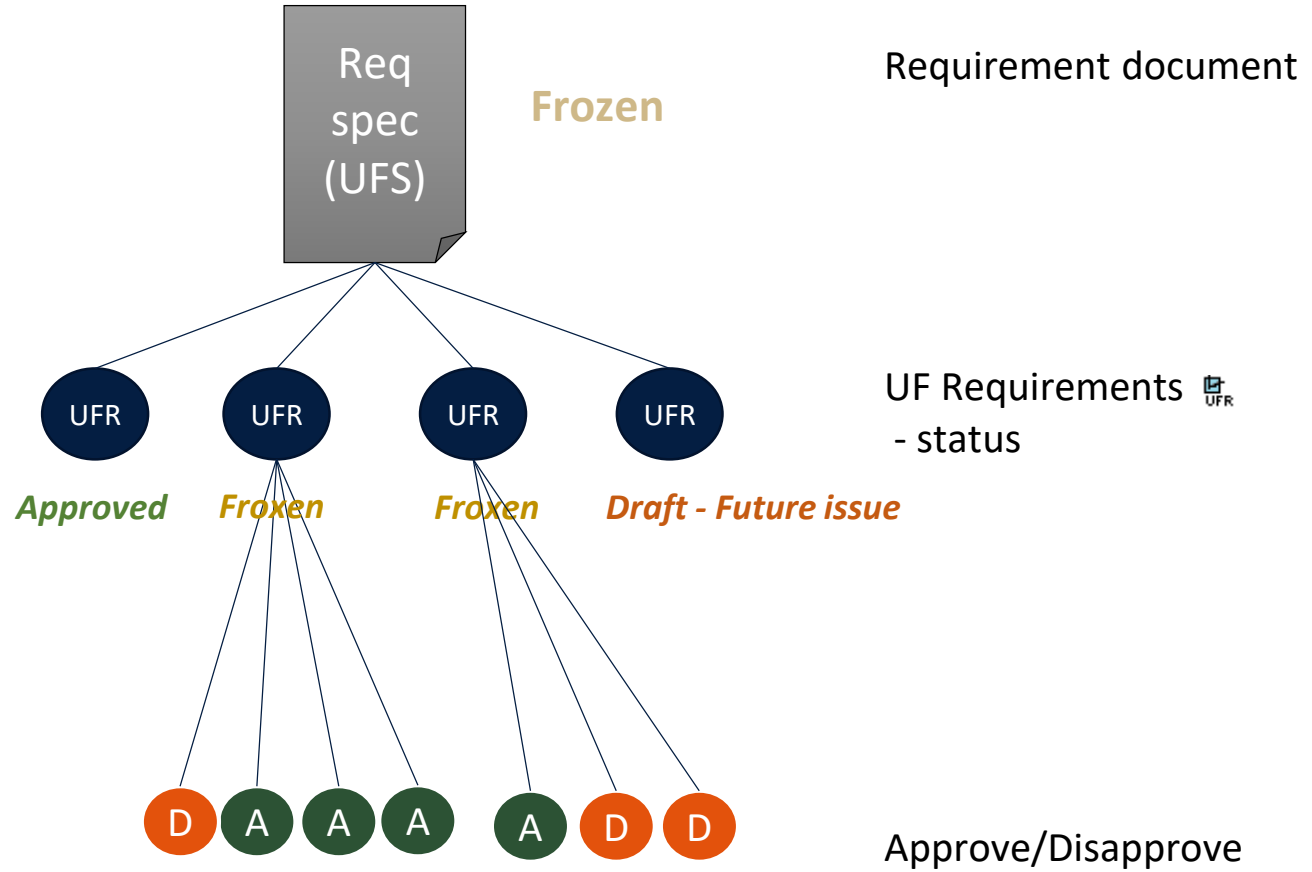## Status and transitions
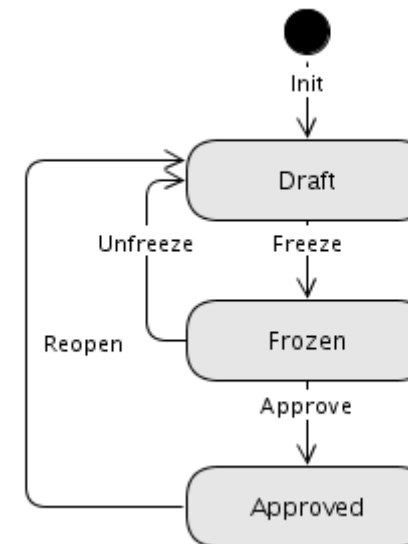
Based on Scania IRMA standards

Reviewing requirements
Review and approve

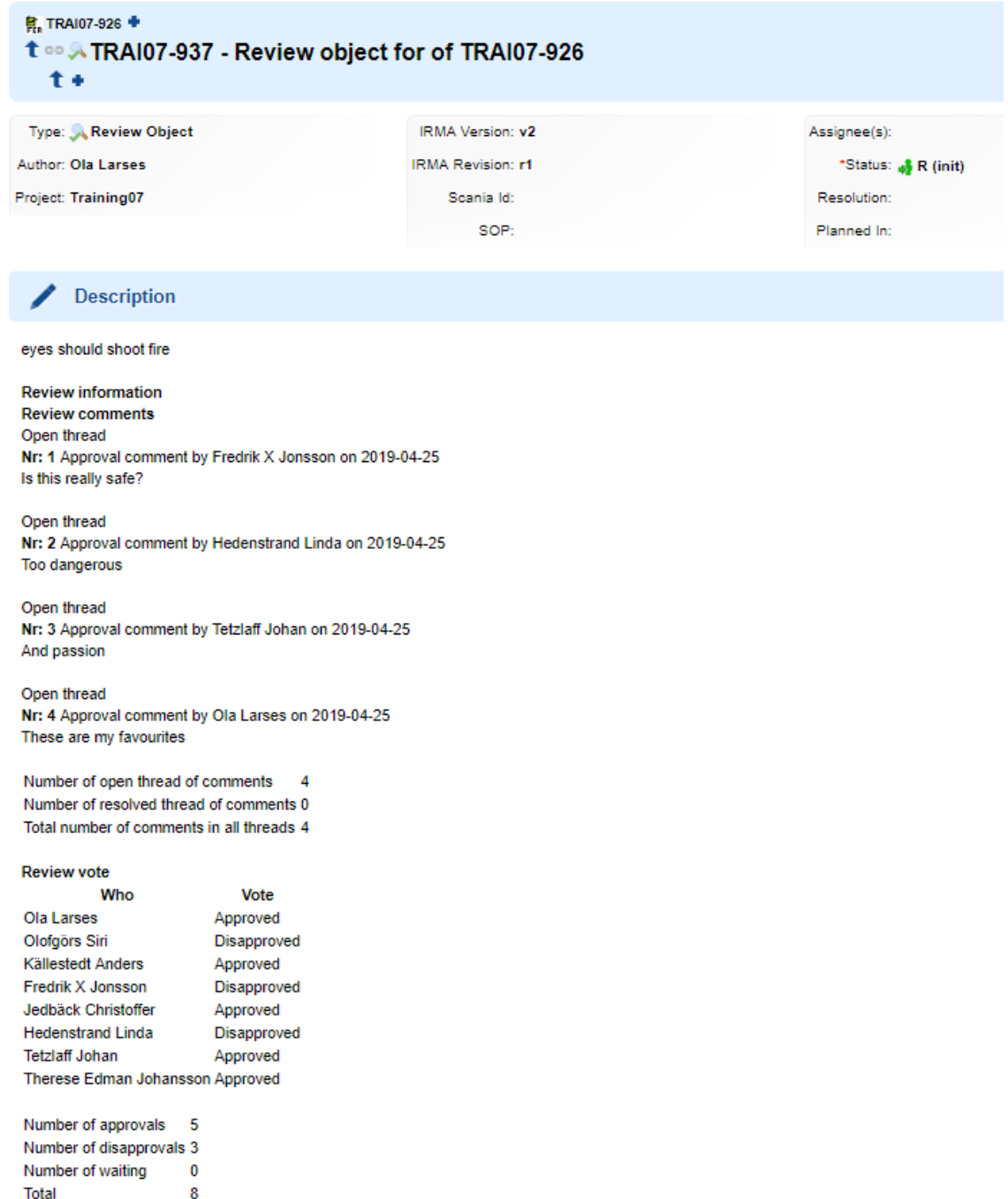| Review and approve **document**	Req spec (UFS)	**Frozen**	Requirement document

Approve requirements	UFR	UFR	UFR	UFR	UF Requirements - status

Approved   *Froxen*   *Froxen*   *Draft - Future issue*

Review requirements	D A A A A D D	Approve/Disapprove

Reviewing requirements
Review and approve

Review and approve **document**

Approve requirements

Verification review

Review requirements
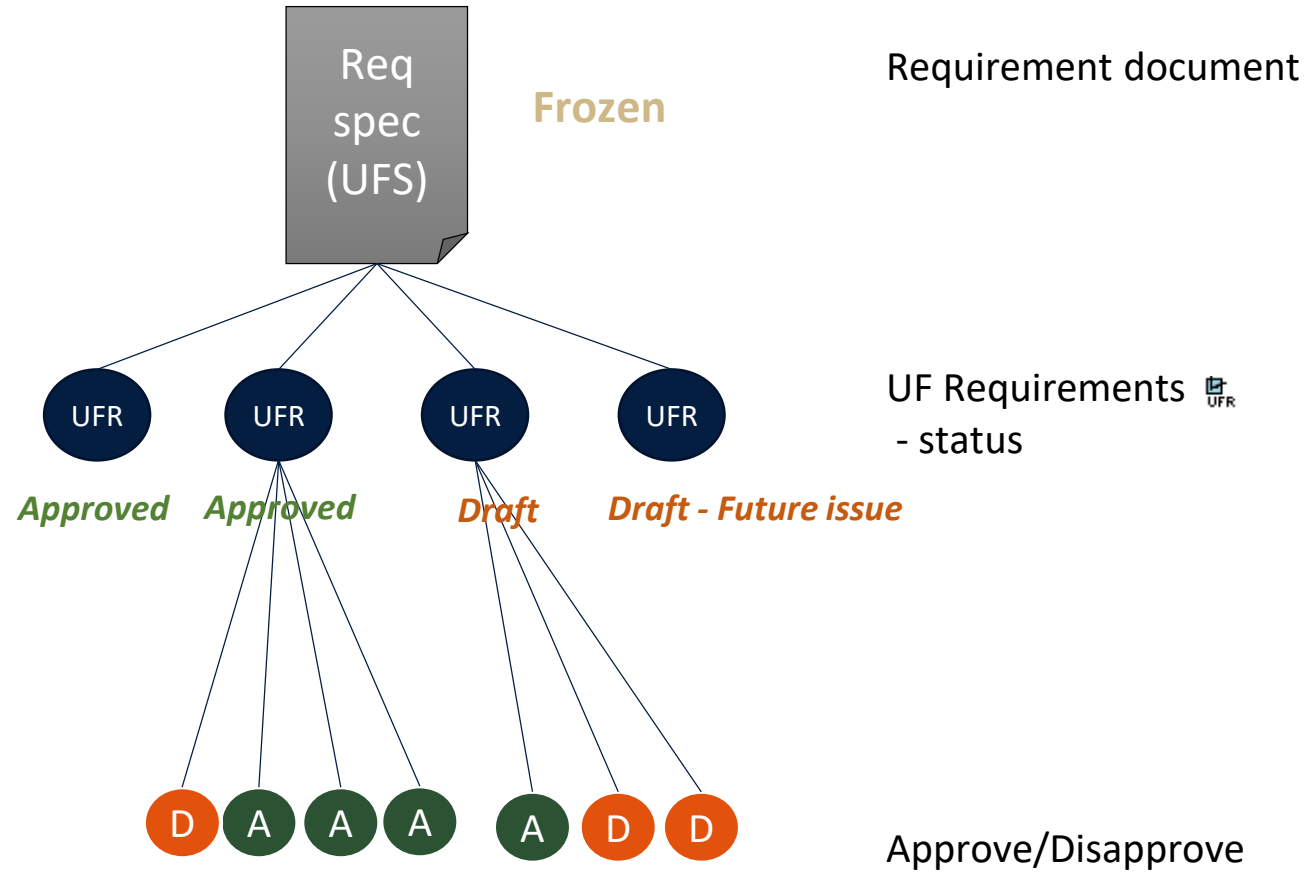
Req spec (UFS) **Frozen**

Requirement document

UFR   UFR   UFR   UFR

Approved *Approved*   *Draft*   *Draft - Future issue*

UF Requirements - status

D A A A   A D D

Approve/Disapprove

Scania basic workflow
For most workitems

- Draft – Work in progress

- Frozen – Frozen item, typically for review

- Approved – Approval based on the Scania review process

A review object for Confirmation review is created when the Verification review is approved

Status and transitions
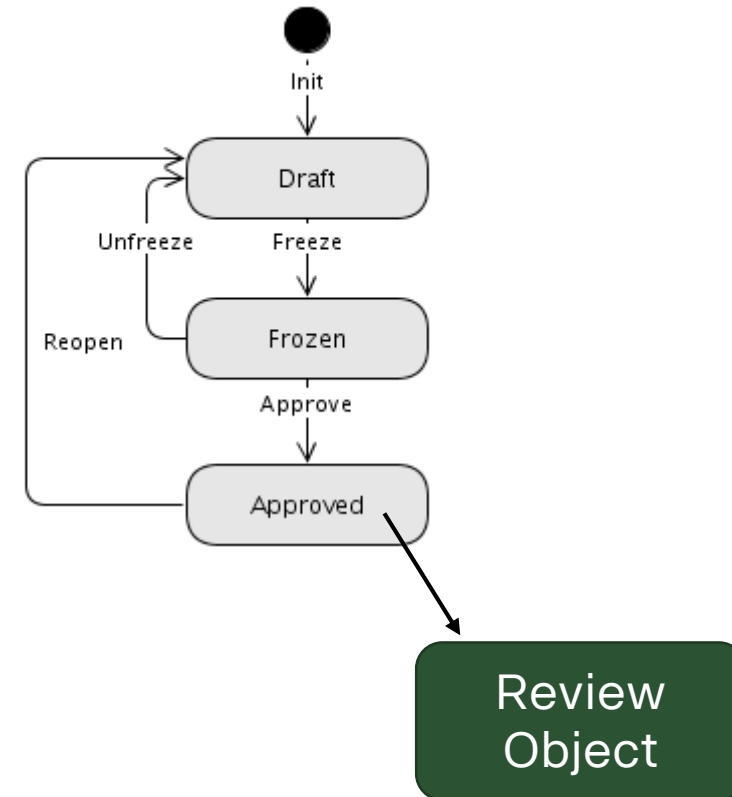
The review object

- The review object contains information about the verification review (when the requirement was approved)

- The **status** of the review object indicates if a confirmation review has been concluded

TRAI07-926
↑ ∞ 🔧 **TRAI07-937 - Review object for of TRAI07-926**
↑ ✚

Type: 🔧 **Review Object**	IRMA Version: **v2**	Assignee(s):
Author: **Ola Larses**	IRMA Revision: **r1**	*Status: 🔧 **R (init)**
Project: **Training07**	Scania Id:	Resolution:
	SOP:	Planned In:

✏️ **Description**

eyes should shoot fire

Review information
Review comments
Open thread
Nr: 1 Approval comment by Fredrik X Jonsson on 2019-04-25
Is this really safe?

Open thread
Nr: 2 Approval comment by Hedenstrand Linda on 2019-04-25
Too dangerous

Open thread
Nr: 3 Approval comment by Tetzlaff Johan on 2019-04-25
And passion

Open thread
Nr: 4 Approval comment by Ola Larses on 2019-04-25
These are my favourites

Number of open thread of comments   4
Number of resolved thread of comments 0
Total number of comments in all threads 4

Review vote

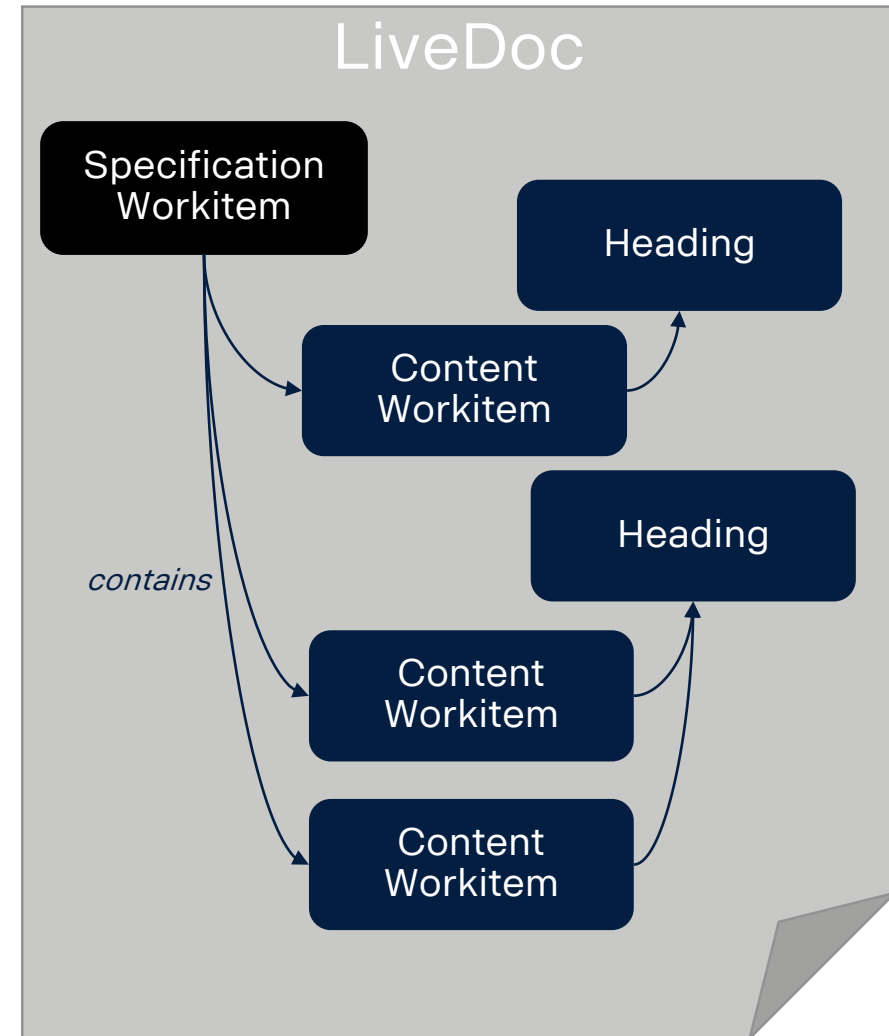| Who	Vote
Ola Larses	Approved
Olofgörs Siri	Disapproved
Källestedt Anders	Approved
Fredrik X Jonsson	Disapproved
Jedbäck Christoffer	Approved
Hedenstrand Linda	Disapproved
Tetzlaff Johan	Approved
Therese Edman Johansson	Approved

Number of approvals   5
Number of disapprovals 3
Number of waiting   0
Total   8

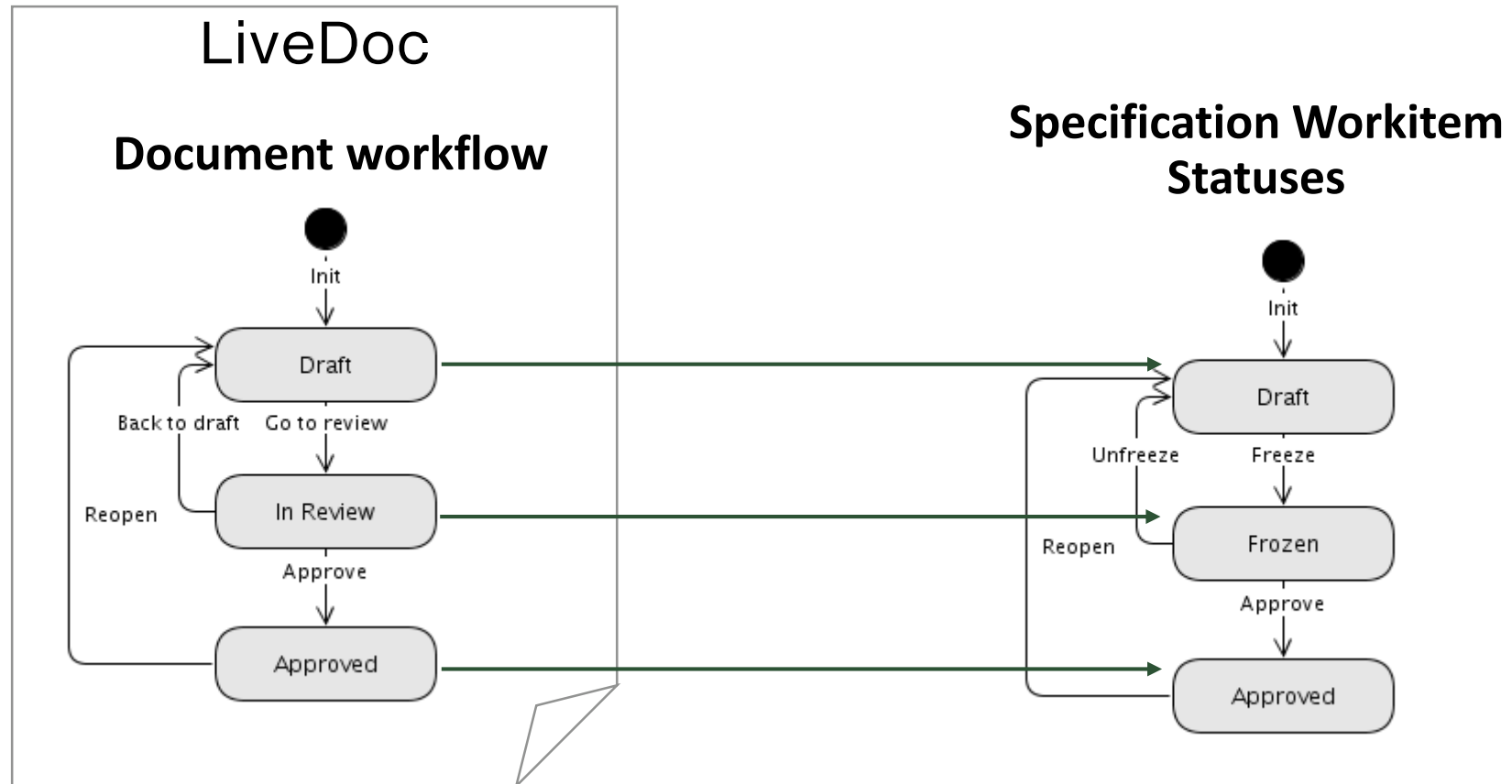# Documents and Specification Workitems

- A Specification Workitem type exist that represent the documents

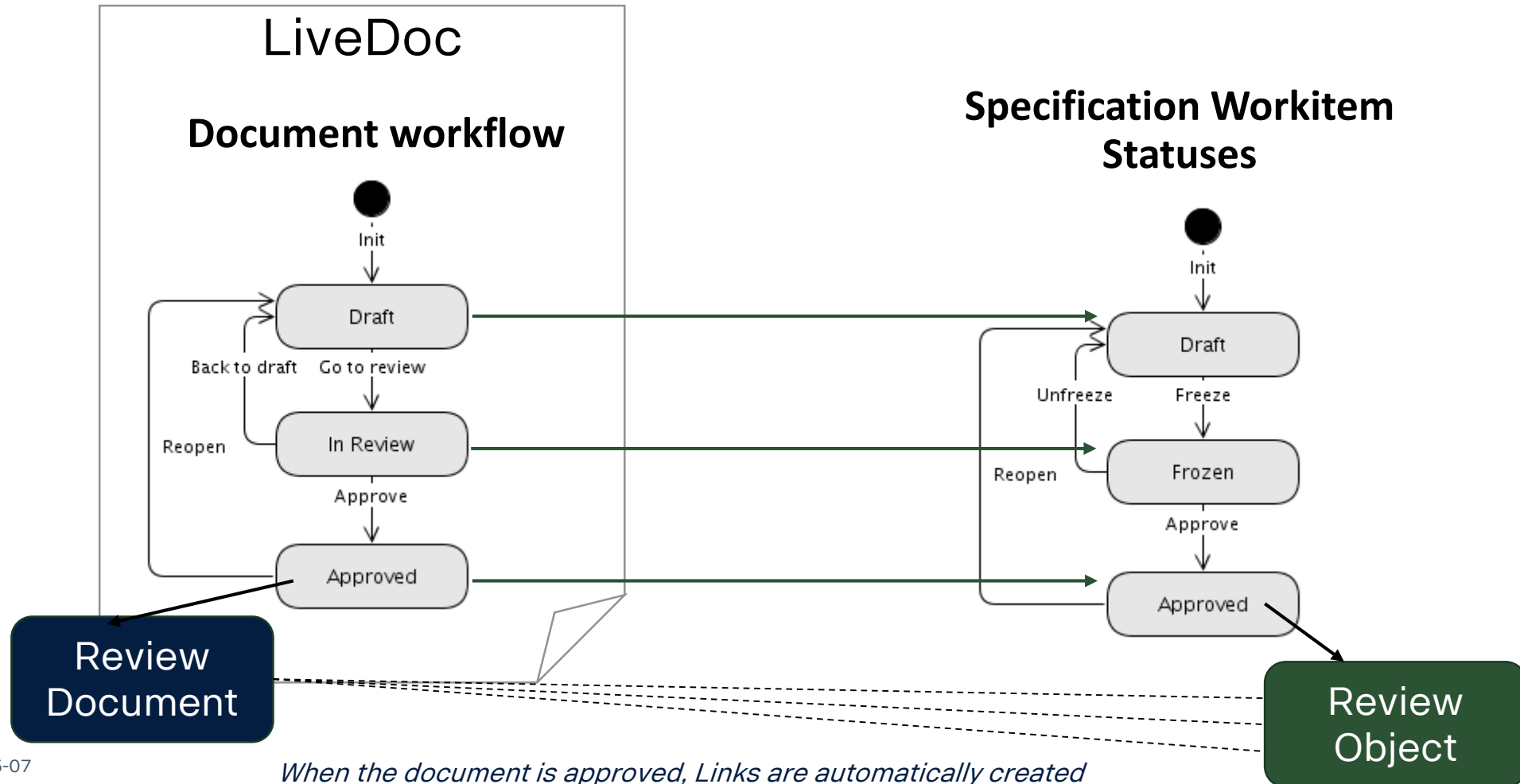- The Specification workitem is linked to all the content workitems in the document

LiveDoc

Specification Workitem

Heading

Content Workitem

Heading

contains

Content Workitem

Content Workitem

When the document is approved, Links are automatically created in the original document and also in the review document

User interface
Documents/Specification workitems

LiveDoc

Document workflow

Specification Workitem Statuses

User interface
Documents/Specification workitems

LiveDoc

Document workflow

Specification Workitem Statuses

Review Document

Review Object

When the document is approved, Links are automatically created in the original document and also in the review document

User interface

Confirmation review is done in a review document

2019-05-07

Reviewing requirements
Review and approve