

# Documentation and Materials and Q&A

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## Data standards

Industry Foundation Classes (IFC)

- › IFC Specifications database
- › IFC Formats
- › Model View Definitions (MVD)
  - › MVD Database

## Workflow standards

Information Delivery Specification (IDS)

BIM Collaboration Format (BCF)

- › bcfXML

Information Delivery Manual (IDM)

- › IDM Database

## Interface standards (APIs)

Shared/Common API (Foundations API)

BCF API

Documents API

Property Exchange API (coming soon)

# Documentation and Materials

BCF **API** 3.0 specification

<https://github.com/buildingSMART/BCF-API>

BCF **XML** 3.0 specification

<https://github.com/buildingSMART/BCF-XML>



<https://app.box.com/folder/142785827577>

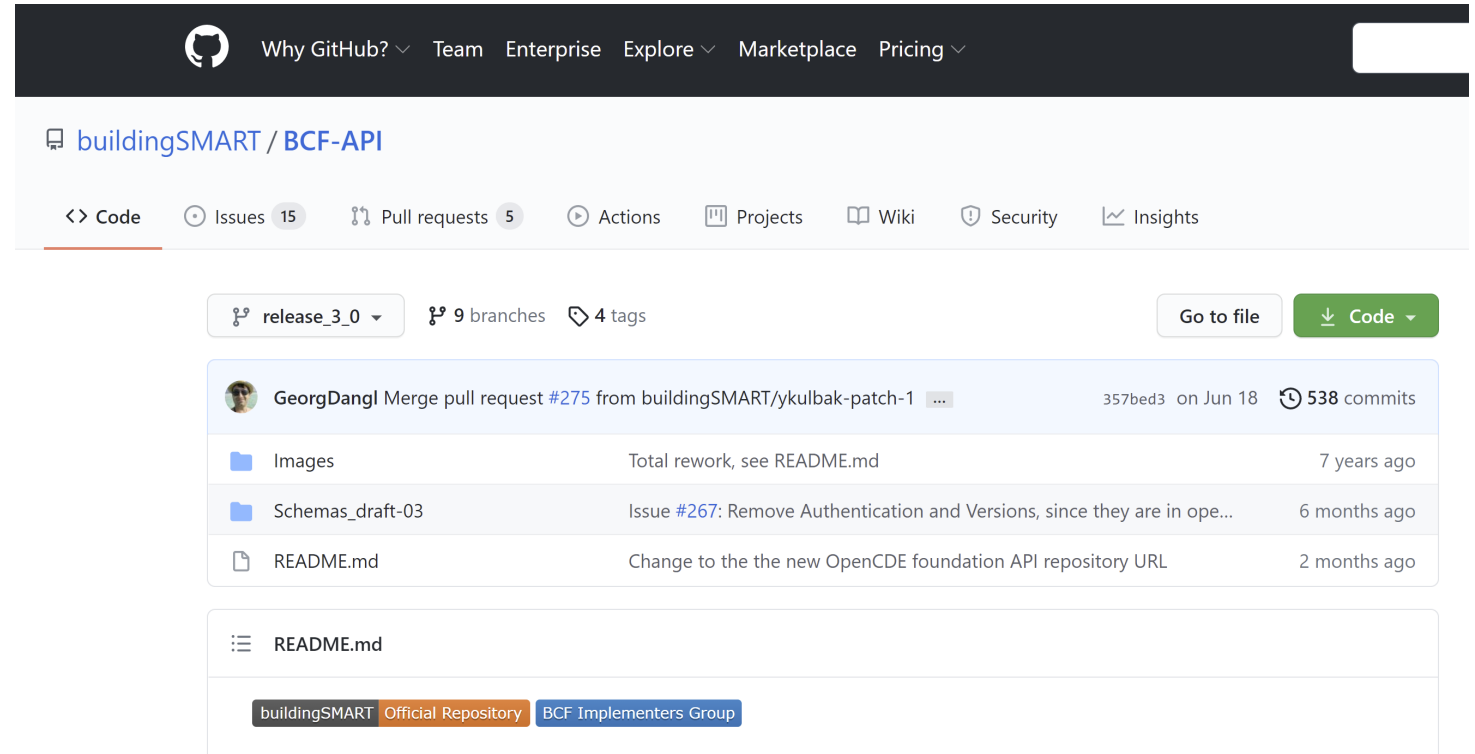
# Documentation and Materials

## BCF **API** 3.0 Release tree

[https://github.com/buildingSMART/BCF-API/tree/release\\_3\\_0](https://github.com/buildingSMART/BCF-API/tree/release_3_0)

## BCF **XML** 3.0 Release tree

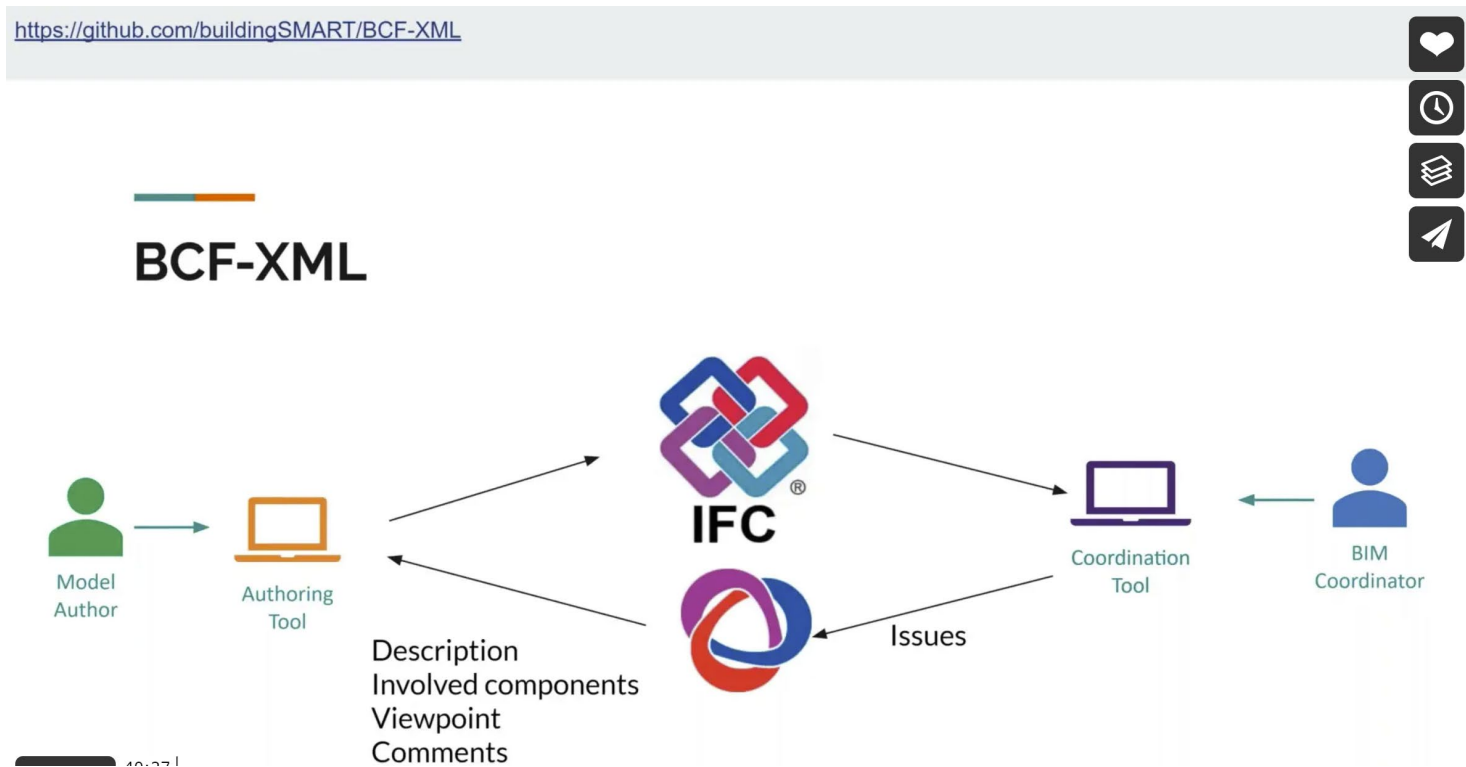
[https://github.com/buildingSMART/BCF-XML/tree/release\\_3\\_0](https://github.com/buildingSMART/BCF-XML/tree/release_3_0)



The screenshot shows the GitHub repository page for buildingSMART/BCF-API. The repository is currently on the release\_3\_0 branch, which has 9 branches and 4 tags. The page displays a list of recent commits, including a merge pull request by GeorgDangl and updates to the Images, Schemas\_draft-03, and README.md files. The README.md file is highlighted, and the page includes a navigation bar with links to Code, Issues, Pull requests, Actions, Projects, Wiki, Security, and Insights.

Commit	Message	Time
GeorgDangl	Merge pull request #275 from buildingSMART/ykulbak-patch-1	357bed3 on Jun 18 538 commits
Images	Total rework, see README.md	7 years ago
Schemas_draft-03	Issue #267: Remove Authentication and Versions, since they are in ope...	6 months ago
README.md	Change to the the new OpenCDE foundation API repository URL	2 months ago

# Other resources



[Technical Room 1: openCDE APIs on Vimeo](#)

# Want to get involved?

Visit the **forum**

<https://forums.buildingsmart.org>

Drop us an **email**

[openCDE@buildingsmart.org](mailto:openCDE@buildingsmart.org)

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all categories all tags Categories Latest Top

Category	Topics	Latest
<b>General (Start Here)</b> General information for all about the use of this forum, including Guidelines on Use, Terms of Service, Privacy Policy, & Technical Support.	8	Errors in IFCXML sample files <b>1</b> Developers 1d
<b>Site Feedback</b> Discussion about all bSI web sites and how we can improve them.	17	Is IfcSite.LandTitleNumber deprecated or not? <b>3</b> Developers ifc4 1d
<b>Activities-Projects</b> Discussions about all the various activities and projects at buildingSMART International. Includes proposed activities as well as official projects currently underway (schemas, IDM, and data exchange developments) across all the various Rooms. Infra-Common Schema Infra-Ports&Waterways Infra-Tunnel Infra-Road IFC Rail Candidate Standard IFC4.2 Bridge Candidate Standard Review IFC-SiteLandscapeUrbanPlanning FM Handover - Equipment Maintenance	150	The validity of the P_Set - Thermal Transmittance <b>2</b> IFC 1d The purpose of PnIndex in the IfcTriangulatedFaceSet <b>1</b> Developers 1d <input checked="" type="checkbox"/> How do I categorise glazing within non-curtain walls? <b>1</b> Users 1d

# General Assembly of Implementers meetings

Monday 6th, Tuesday 7th and Wednesday 8th September, 11am - 3pm CEST

## General Assembly of Implementers Agenda - Sep 2021

Mon 6th Sept	CET	Topic	Presenter
Session 1: Current IFC & BCF developments	11am	Update on the progress of IFC 4.3	Thomas Liebich
	11:30am	Update of the Software Implementation of IFC 4.3	Peter Bonsma
	12pm	BCF 3.0 (and Foundations API 1.0)	Pasi Paasiala
Session 2: New API & projects development	1pm	Documents API project	Georg Dangl
	1:30pm	IDS developments	Robin Drogemuller
	2pm	Update from the ifcJSON Development group	Dennis Shelden

Tue 7th Sept	CET	Topic	Presenter
Session 1: Software Certification & UCMS	11am	Using Gherkin for 'white box' software certification	Dion Moult
	11:45am	IFC Documentation management	Thomas Krijnen
	12:15pm	Use-Case Management Service update	Thomas Glättli
Session 2: bSDD content overview for content providers	1pm	Update of latest data structure (and JSON input)	Erik Baars
	1:30pm	Launch plan overview (endorsed tools, existing domains, etc)	Frédéric Grand & Léon van Berlo
	2pm	Explainer: how to get your content in before launch	Frédéric Grand
	2:30pm	Q&A	All

Wed 8th Sept	CET	Topic	Presenter
Session 1: bSDD API overview for Software vendors	11am	Update of latest status of the API	Erik Baars
	11:30am	Launch plan + 'official endorsed tools'	Frédéric Grand & Léon van Berlo
	12pm	Overview of current content	Frédéric Grand
	12:30pm	Q&A	All
Session 2: Any other topics (open house)	1pm	FM Handover - Equipment Maintenance - Technical Update	Bill East
	1.30pm	Ravi Peters - PDT with bSDD demo	Ravi Peters
	2pm		
	2:30pm		

<https://zoom.us/meeting/register/tJwTce-gqjMsGtUITWjdt8SvAJaZk2IxG590>

