

FedID CG/WG Process Mechanics

This is an exploration of options to manage the mechanics of the proposals with github between the FedID CG and the FedID WG.

Stage	Entrance Criteria	Entrance artifacts	Exit Criteria	Purpose
Community Group				
0	<ul style="list-style-type: none"> Nothing: no permission needed from anyone. 	<ul style="list-style-type: none"> An issue, a personal repo, a blog post, a tweet, etc 	<ul style="list-style-type: none"> Identification of champions A problem statement 	<ul style="list-style-type: none"> Understand the problem <ul style="list-style-type: none"> Identity challenges
1	<ul style="list-style-type: none"> Products of the prior stage and The CG consensus that the problem is worth spending the CG's time working on 	<ul style="list-style-type: none"> A FedID repo gets created in the CG for the champions to develop the feature (e.g. https://github.com/fedidcg/CrossSiteCookieAccessCredential) 	<ul style="list-style-type: none"> An explainer A specific proposal under consideration (with varying degrees of specificity, e.g. from code samples to a spec PR) Alternatives considered Issues filed by FedID CG members in the repo Implementation experience (e.g. a prototype, dev trials, origin trials, etc) Evidence of developer demand 	<ul style="list-style-type: none"> Understand the solutions: incubate and make a proposal <ul style="list-style-type: none"> Explore alternatives Gather implementation experience Understand tradeoffs Gather evidence of demand
Working Group				
2	<ul style="list-style-type: none"> Products of the prior stage and WG consensus to adopt the solution as the basis for their work The WG identifies a list of (seemingly resolvable) issues that have to be addressed before Stage 3 	<ul style="list-style-type: none"> The spec PR gets merged into the Editor's Draft at https://w3c-fedid.github.io/FedCM The feature repo gets transferred to the Working Group 	<ul style="list-style-type: none"> An Editor's draft that addresses all issues that were identified at the entrance Web Platform Tests Further implementation experience 	<ul style="list-style-type: none"> Refine the proposal to produce a Working Draft <ul style="list-style-type: none"> Deal with corner cases Specify details Integrate proposal with other parts Resolve concerns
3	<ul style="list-style-type: none"> Products of the prior stage and WG consensus that the Editor's Draft sufficiently resolves all of the issues raised 	<ul style="list-style-type: none"> The Editor's Draft gets published as a Working Group Working Draft at https://www.w3.org/TR/fedcm 	<ul style="list-style-type: none"> Two independent and interoperable implementations Significant deployment experience 	<ul style="list-style-type: none"> Gather two independent implementation experience to produce a Candidate Recommendation
4	<ul style="list-style-type: none"> Products of the prior stage and WG consensus that the Working Draft as a whole is complete 	<ul style="list-style-type: none"> The Working Draft gets published as Candidate Recommendation 	<ul style="list-style-type: none"> Consensus across all of W3C to move forward towards a Proposed Recommendation 	<ul style="list-style-type: none"> Inclusion as a W3C Recommendation

ANNEX

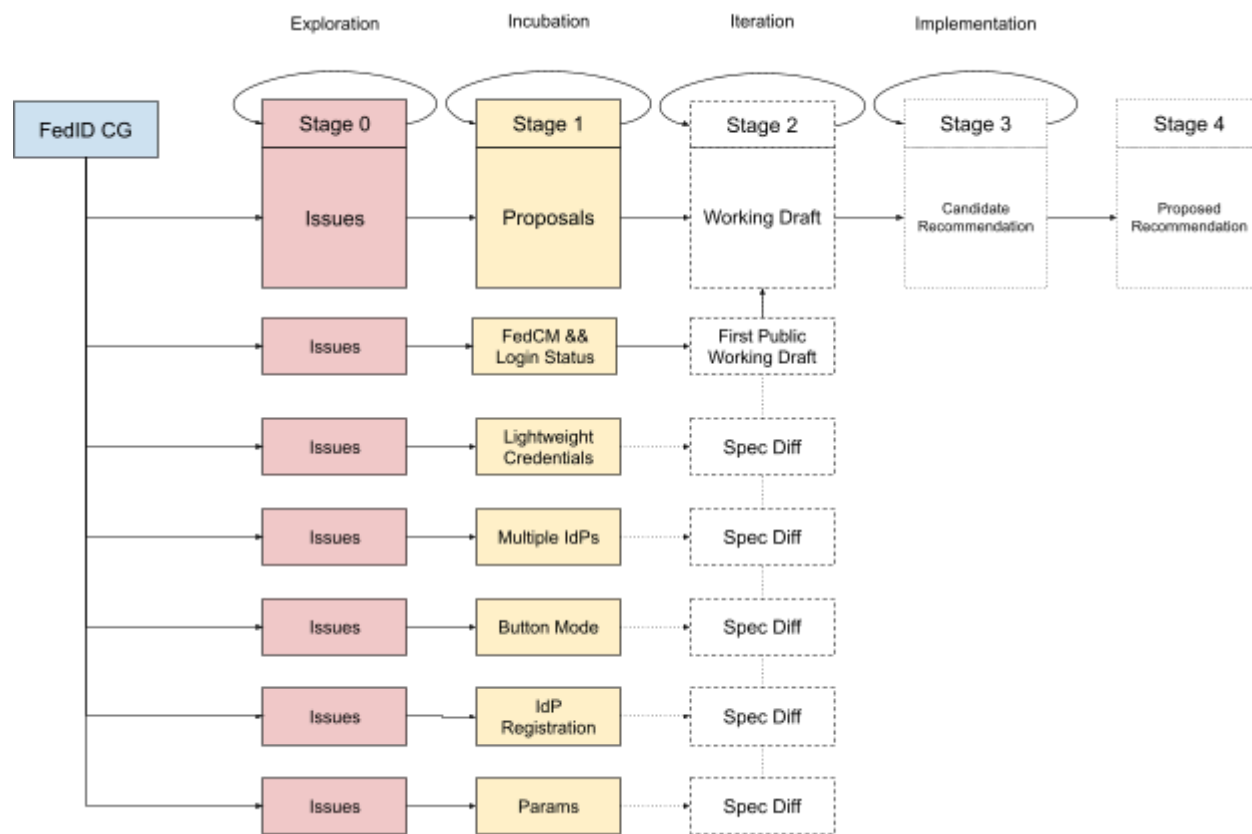
Related Docs

- Policies [FedID CG & WG Stages](#)

Prior Art

- TC39
 - Proposals Repo: <https://github.com/tc39/proposals>
 - Stages: <https://tc39.es/process-document/>
 - Examples
 - Decorators Repo: <https://github.com/tc39/proposal-decorators>
 - Temporal Repo: <https://github.com/tc39/proposal-temporal>
- Immersive Web CG/WG
 - Proposals Repo: <https://github.com/immersive-web/proposals>
 - Stage 0 Issues: <https://github.com/immersive-web/proposals/issues>
 - Examples
 - <model> Repo: <https://github.com/immersive-web/model-element>
 - Depth sensing Repo: <https://github.com/immersive-web/depth-sensing>
- WebAssembly
 - Proposals Repo: <https://github.com/WebAssembly/proposals>
 - Examples
 - Tail call Repo: <https://github.com/WebAssembly/tail-call>
 - GC Repo: <https://github.com/WebAssembly/gc>

Proposal



Bootstrap

- Each of the Stage 1 proposals being currently actively worked on gets a repo created at the W3C FedID organization:
 - Example <https://github.com/w3c-fedid/awesome-proposal> and
 - Gets added to <https://github.com/w3c-fedid/proposals> list
 - For example
 - <https://github.com/w3c-fedid/CrossSiteCookieAccessCredential>
 - <https://github.com/w3c-fedid/Multiple-IdP>
 - <https://github.com/w3c-fedid/Button-Mode>
 - <https://github.com/w3c-fedid/IdP-Registration>
 - <https://github.com/w3c-fedid/Params>
 - <https://github.com/w3c-fedid/Continuation>
 - Etc
 - Related [issues are transferred](https://github.com/w3c-fedid/awesome-proposal) from <https://github.com/fedidcg/fedcm> to <https://github.com/w3c-fedid/awesome-proposal>
- The current FedCM spec moves to Stage 2 as a [First Public Working Draft](https://github.com/w3c-fedid/awesome-proposal)
 - The FedCM [FedID Community Group](https://github.com/fedidcg/fedcm) repo gets transferred to the [FedID Working Group](https://github.com/w3c-fedid/fedcm), i.e. <https://github.com/fedidcg/fedcm> moves to <https://github.com/w3c-fedid/fedcm>
 - The list of open concerns for Stage 3 is identified by the Working Group members and labeled as “stage-3 concerns”go
- We mark the <https://github.com/fedidcg> organization as archived

GC

- Stage 0: the definition of the Problem
 - What's required to enter it?
 - i. Nothing: no permission needed from anyone. Anything goes: An issue, a personal repo, a blog post, a tweet, etc
 - What gets produced during it?
 - i. A champion
 - ii. A github repo (anywhere) or issue (for small features)
 - iii. A Problem Statement
- Stage 1: the acknowledgement of the Problem
 - What's required to enter it?
 - i. What gets produced by the previous stage
 - ii. The [FedID Community Group](#) consensus that the problem is worth working on
 - What happens when you enter it?
 - i. The github repo gets created/transferred to the <https://github.com/w3c-fedid> github organization for the proposal, e.g. <https://github.com/w3c-fedid/awesome-proposal>
 - What gets produced during it?
 - i. An explainer
 - ii. A specific **proposal** under consideration (with varying degrees of specificity, e.g. multiple options under consideration, code examples, a Spec Diff - e.g. [a Monkey Patch](#) or a spec PR -, etc)
 - iii. **Alternatives** considered
 - iv. A series of **issues** filed by the [FedID Community Group](#) in the repo
- Stage 2: the acknowledgement of the Solution
 - What's required to enter it?
 - i. What gets produced by the previous stage
 - ii. The [FedID Working Group](#) has reached consensus to adopt the solution as the basis for their work (but doesn't necessarily need to agree that the specific solution is perfect)
 - What gets produced when entering?
 - i. The WG identifies a list of (seemingly resolvable) issues that have to be addressed before Stage 3
 - ii. The [FedID Community Group](#) repo gets transferred to the <https://github.com/w3c-fedid> org:
 - Example: <https://github.com/w3c-fedid/awesome-proposal>
 - iii. The spec PR (if any) gets merged into the Editor's Draft
 - What gets produced during it?
 - i. The Editor's draft matures
 - ii. The list of issues identified by members gets resolved
 - iii. Web Platform Tests are introduced
 - What is the effect?
 - i. Signaling to users and developers that this is the path being pursued for implementation
 - ii. Starting the W3C Patent Policy to secure [royalty-free patent commitments](#) at the expiration of a [patent exclusion opportunity](#).
- Stage 3: the consensus of the Solution
 - What's required to enter it?
 - i. What gets produced by the previous stage
 - ii. The [FedID Working Group](#) has reached consensus that the current [Editor's Draft](#) / [Working Draft](#) or the Spec Diff (e.g. [Monkey Patch](#) or Spec Branch PR) is ready to be merged and needs to gather further implementation experience
 - The members feel like the list of issues is sufficiently resolved
 - What gets produced when entering?
 - i. The Spec Diff (e.g. [Monkey Patch](#) or Spec Branch PR) gets merged into the Editor's Draft / Working Draft
 - ii. The proposal repo <https://github.com/w3c-fedid/awesome-proposal> gets archived

- iii. The [Working Draft](#) gets snapshotted into the latest [Candidate Recommendation](#) to represent that the Working Group agrees that the Working Draft has sufficiently resolved the list of issues
 - Working Draft + Issues resolved = Candidate Recommendation
- Stage 4: from Candidate Recommendation to Proposed Recommendation
 - What's required to enter it?
 - i. The broad W3C members have reached consensus that the specification is done and ready to be implemented
 - What is required?
 - i. Two Independent interoperable Implementation (as per Success Criteria)
 - What gets produced when entering?
 - i. The [Candidate Recommendation](#) gets snapshotted into a [Proposed Recommendation](#)