

# OIDL-0000 - Use ?? to capture decisions

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Use the ?? (MADR) technique to capture decisions

status: {proposed | rejected | accepted | deprecated | ... | superseded by [ADR-0005](#)}

date: {YYYY-MM-DD when the decision was last updated}

deciders: {list everyone involved in the decision}

consulted: {list everyone whose opinions are sought (typically subject-matter experts); and with whom there is a two-way communication}

informed: {list everyone who is kept up-to-date on progress; and with whom there is a one-way communication}

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## Use the GitHub ADR and MADR for architecture decisions

### Context and Problem Statement

The Architecture Working Group must capture decisions.

We need a simple and agreeable way to capture and track these decisions.

Don't want too many decisions, just the consequential ones.

Decision to make:

- what template
- where to keep them - github or wiki
  - maybe in the future we'll have a documentation repo to keep them in
- governance
  - status checking
  - approvals

### Decision Drivers

- simple
- mature
- agreed upon
- works for opensource

### Considered Options

- github adr / madr
- ad hoc
- {title of option 3}
- ...

### Decision Outcome

Chosen option: "{title of option 1}", because {justification. e.g., only option, which meets k.o. criterion decision driver | which resolves force {force} | ... | comes out best (see below)}.

### Consequences

- Good, because {positive consequence, e.g., improvement of one or more desired qualities, ...}
- Bad, because {negative consequence, e.g., compromising one or more desired qualities, ...}
- ...

## Validation

{describe how the implementation of/compliance with the ADR is validated. E.g., by a review or an ArchUnit test}

## Pros and Cons of the Options

### GitHub ADR / MADR

simple and mature way to capture architecture decisions

- Good, because it is widely used
- Good, because works in code and in confluence
- Bad, because {argument d}
- ...

### Technology Selection Template

- High Level Summary
- Principles
- Options 1/ Option 2
- Option 1 Info
- Option 2 Info
- Cost Factors Option 1
- Cost Factors Option 2
- Recommendation

useful for Technology/Platform selection

### Ad-Hoc

We come up with our own way to capture

- Bad, because only used for openIDL