

2023-06-14

Secure submissions of Eiffel events

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Methods for submitting Eiffel events

- > Direct connection to the message bus.
- > Post to an HTTP service like Eiffel REMReM Publish that, in turn, speaks to the message bus.



What about signed events?

- > Underused feature of Eiffel.
- > Relies on public-key signing of the event payload with the signature stored within meta.security.
- > Eiffel REMReM Publish should work with signed events if the /producer/msg endpoint is used.



Signed events and authenticated event submissions

- > There are good reasons for requiring authentication from clients before accepting an event.
- Unfortunately, that means clients need both a private/public key pair and a username/password pair.
- > Secrets are annoying and we should have as few as possible.



How about using mTLS?



